

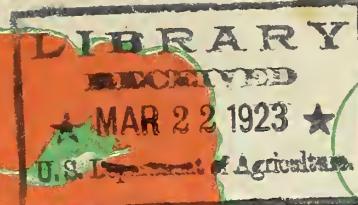
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## *Garden, Flower and Farm Seeds*

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**KANSAS CITY, MO.**

**505 Walnut Street**

**Up-Town Store 1418 Grand Avenue**

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## Evergreen Lawn Grass Seed

Is the purest, cleanest and heaviest  
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**Special care** in selecting seeds  
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## A Lawn in Country Club, Kansas City's Most Beautiful Residence District.

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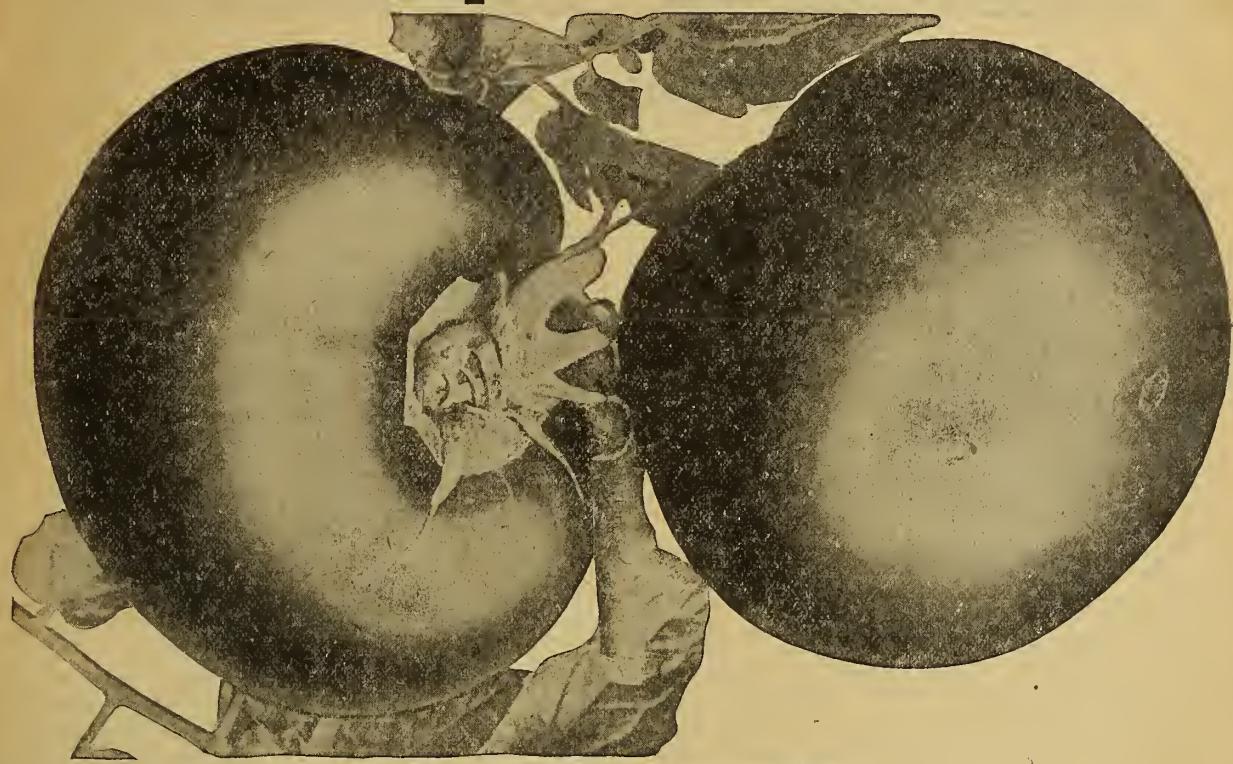
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# Specialties



TOMATO—HARNDEN'S GIANT CLIMBING.

## You Home Gardeners! Harnden's Giant Climbing Tomato

is the most profitable for you to plant

1. Harnden's Giant-Climbing Tomato is the highest mountain top of success in tomato growing.

2. Just doubles the yield of many of the best cropping tomatoes you have ever grown.

3. Smooth, well-formed and deep from stem to blossom.

4. Its extremely heavy weight is due to its firmness and great meatiness.

5. It ripens evenly to the stem and is entirely free from ridges, cracks and blight.

6. Unrivaled shipper, due to its solidity and firmness.

7. Fruits in large clusters at every second joint. Joints are short and sturdy.

8. Brilliant red color, one of the handsomest tomatoes we have ever seen.

9. Vigorous, compact, healthy vines.

10. One of the grandest Second Early and Main Crop Tomatoes on earth.

"It is largely the Earliness and the Uniformity with which the plants bear a Large Number of Large Smooth Fruit throughout the ripening season that makes the Giant-Climbing superior to other varieties, which have been the standard canning sorts for many years.

"The average date of first ripening for the Giant-Climbing was 120 days from the sowing of the seed in the hot beds and 65 days from the time the young plants were set in the field."

Prices; Pkt. 10c;  $\frac{1}{2}$  oz., 30c; 1 oz., 50c; 2 ozs., 85c;  $\frac{1}{4}$  lb., \$1.50. Postpaid.

WHAT A KANSAS CITY HOME GARDENER SAYS  
ABOUT THE GIANT CLIMBING TOMATO.

Harnden Seed Company, Kansas City, Mo.

Gentlemen:—I raised the Harnden "Giant Climbing" Tomato last year and was well pleased with the results. It gave me a nice, medium sized, smooth and faultless red tomato. The tomato had a good flavor, very palatable and a very solid meat. Trained on a trellis, they grew from seven to nine feet high. DR. C. M. COE.

## Egg Plant—Black Beauty.

Rich dark purple, large and symmetrical, maturing a little earlier than our Improved Large Purple but usually not quite as large. Very desirable for the market as the fruit holds its color a long time. Pkt., 5c; oz., 40c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.25.

## Pepper—Chili.

True. Very piquant and prolific; small, slim fruits, generally used for making pepper sauce. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

## Pepper—Ruby Giant.

A beautiful variety, being a cross between the Ruby King and the Chinese Giant. It possesses the large size of the Chinese Giant and the splendid shape of the Ruby King. The flesh is mild and sweet, making a good salad sliced and served with tomatoes. This new sort will undoubtedly become very popular both in the home and the market garden. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

## Peas—Little Marvel.

For the early crop, this variety is better than American Wonder or Nott's Excelsior, as it matures earlier and the pods contain more peas. It is dwarf, about 15 inches high, plants are very productive, bearing many twin pods, which are dark green. Prepaid, pkt., 10c; pt., 35c; qt., 55c. Not prepaid,  $\frac{1}{2}$  peck, \$1.35; peck, \$2.50.

## Tomato—Yellow Husk or Ground Cherry.

Very sweet, mild flavor; used for preserves. Vines low and spreading. Fruits small, about one-half inch in diameter, enclosed in a loose husk. The seed we offer is that of the true Yellow Ground Cherry, not the purple fruited sort which is scarcely edible. Pkt., 5c; oz., 30c; 2 ozs., 55c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00.

## BEDDING PLANTS

**ALOYSIA CITRIODORA** (Lemon Verbena)—From 3-inch pots, 15c; 4-inch pots, 25c.

**ABUTILON** (Flowering Maple)—3-inch pots, 15c.

**AGERATUM**—3-inch pots, each 10c; doz., \$1.00.

**ALLYSUM**, Sweet—2-inch pots, 5c each; doz., 50c.

**ASPARAGUS PLUMOSA**—In 3-inch pots, 15c each; 4-inch pots, 35c each.

**ASPARAGUS SPRENGERI**—In 3-inch pots, 15c; 4-inch pots, 35c each.

**ASTERS**—Assorted colors, from 2-inch pots, 5c; doz., 50c; from 3-inch pots, each, 10c; doz., \$1.00.

**BEGONIA**—Flowering—In 3-inch pots, 15c each; 4-inch pots, 35c each.

**BEGONIA**—Rex, Foliage—In 3-inch pots, 25c each; 4-inch pots, 35c each.

**CARNATION**—Assorted—From 2-inch pots, 5c each; 3-inch pots, 15c each; doz., \$1.00.

**CANNAS**—Assorted Varieties—From 3-inch pots, 10c; doz., \$1.00.

**CUPHEA** (Cigar Plant)—From 2-inch pots, 5c each; 3-inch pots, 10c each; doz., \$1.00.

**COBOEA SCANDENS** (Climber)—3-inch pots, 25c each; 4-inch pots, 35c each.

**CENTAUREA** (Dusty Miller)—From 2½-inch pots, 10c each; doz., \$1.00; 3-inch pots, 15c each.

**COLEUS**—Assorted Colors—From 2-inch pots, 5c each; doz., 60c; 3-inch pots, 10c each; doz., \$1.00.

**CYCLAMEN**—Assorted Colors—In 3-inch pots, 30c each; 5-inch pots, 40c each.

**DAISY SHASTA**—From 3-inch pots, 15c; 4-inch pots, 35c each.

**DAISY ENGLISH**—From 3-inch pots, 15c; 4-inch pots, 25c.

**FUCHIAS**—In 3-inch pots, 15c; 4-inch pots, 25c each.

**FEVER FEW**—In 3-inch pots, 15c each; 4-inch pots, 25c each.

**FORGET-ME-NOT**—From 3-inch pots, 15c each; 4-inch pots, 25c each.

**GERANIUMS**—Assorted—From 3-inch pots, 10c each; doz., \$1.00; from 4-inch pots, 15c; doz., \$1.50.

**GERANIUM**—Ivy—From 3-inch pots, 15c each; 4-inch pots, 25c.

**HELIOTROPE**—From 3-inch pots, 15c each; doz., \$1.50; 4-inch pots, 25c each.

**HYDRANGEA HORTENSIS**—In 4-inch pots, 35c each; in 6-inch pots, \$1.50 each.

**HIBISCUS**—Annual Varieties—In 3-inch pots, 25c each; 4-inch pots, 40c each.

**IMPATIENCE**—From 3-inch pots 15c each; 4-inch pots, 25c each.

**ICE PLANT**—In 3-inch pots, 15c each.

**LOBELIA** (Basket Plant)—From 3-inch pots 5c each; doz., 60c.

**LANTANA**—From 3-inch pots, 15c each; 4-inch pots, 30c each.

**MAURANDIA VINE**—From 3-inch pots, 15c each; doz., \$1.50.

**MIGNONETTE**—From 3-inch pots, 15c each; doz., \$1.50.

**MOON VINES**—From 2-inch pots, 10c each; doz., \$1.00; from 3-inch pots, 15c; doz., \$1.50.

**OLEANDERS**—Pink and White—In 3-inch pots, 15c each; 4-inch pots, 35c each.

**PASSION VINE**—From 3-inch pots, 15c each; 4-inch pots, 25c each.

**PETUNIAS**—Double—From 3-inch pots, 15c each; 4-inch pots, 25c each.

**PETUNIAS**—Assorted—From 3-inch pots, 15c each; 4-inch pots, 25c each.

**PRIMULA OBCONICA**—In 3-inch pots, 25c each; in 4-inch pots, 35c each.

**PRIMULA CHINESE**—In 3-inch pots, 25c each; 4-inch pots, 35c each.

**SALVIA** (Scarlet Sage)—From 3-inch pots, 10c each. Doz., \$1.00.

**SMILAX**—From 3-inch pots, 15c each; doz., \$1.50.

**THUMBERGIA**—Basket Vine—From 3-inch pots, 10c each; doz., \$1.00.

**VERBENA**—Assorted Colors—From 2-inch pots, 5c each; doz., 50c; from 3-inch pots, 10c; doz., \$1.00.

**VINCA VINES**—From 3-inch pots, 15c each; doz., \$1.50.

**VINCAS BUSH**—From 3-inch pots, 10c each; doz., \$1.00.

## DECORATIVE PLANTS.

**FERNS**—In 3-inch pots, 15c each; 4-inch pots, 35c each; 5-inch pots, \$1.00.

**PALMS**—4-inch pots, 75c each; 5-inch pots, \$1.50 each; 6-inch pots, \$3.00.

**RUBBER PLANT**—4-inch pots, 60c each; 5-inch pots, \$1.00 each; 6-inch pots, \$1.50.

## Vegetable Plants and Roots

|                           | Doz.   | 100    | 1000   |  | Each                         | Doz.   | 100   |      | Doz.                                                                                    | 100   |      |
|---------------------------|--------|--------|--------|--|------------------------------|--------|-------|------|-----------------------------------------------------------------------------------------|-------|------|
| <b>CABBAGE</b> —          |        |        |        |  | MINT                         | .....  | .50   | 5.00 | <b>TOMATO PLANTS</b> (Ready May 1st.) These are all transplanted plants grown in boxes. |       |      |
| Early Summer              | \$0.15 | \$1.00 | \$7.50 |  | PARSLEY                      | .....  | .50   | 3.00 | Harnden's Giant Climbing                                                                | .40   | 3.00 |
| Early Jersey,             |        |        |        |  | PEPPER (Ready May 15th) Ruby | .....  | .25   | 1.75 | Beauty                                                                                  | .25   | 1.75 |
| Wakefield                 | .15    | 1.00   | 7.50   |  | King                         | .....  | .25   | 1.75 | Dwarf Ponderosa                                                                         | .25   | 1.75 |
| Charleston Wakefield      | .15    | 1.00   | 7.50   |  | Chinese Giant                | .....  | .25   | 1.75 | Trucker's Favorite—Round, solid, pinkish-crimson                                        | .30   | 1.75 |
| <b>CAULIFLOWER</b> —      |        |        |        |  | SWEET POTATO                 | PLANTS | ..... | .40  | Stone—Vivid Scarlet; very solid                                                         | .25   | 1.75 |
| Harnden's Early           |        |        |        |  |                              |        |       |      | Ponderosa—Extra large and solid                                                         | .40   | 3.00 |
| Snowball                  | .25    | 1.50   | 10.00  |  | RHUBARB ROOTS—               |        |       |      | Dwarf-Champion — A superb variety                                                       | .25   | 1.75 |
| CHIVES, per clump,        |        |        |        |  | Victoria                     | .....  | .07   | .75  | 3.50                                                                                    |       |      |
| 10c each                  | 1.00   | ....   | ....   |  | Linnaeus                     | .....  | .07   | .75  | Linnaeus                                                                                | ..... |      |
| <b>HORSE RADISH</b>       |        |        |        |  |                              |        |       |      |                                                                                         |       |      |
| ROOTS                     | .15    | .60    | 5.00   |  |                              |        |       |      |                                                                                         |       |      |
| <b>EGG PLANTS</b> , Ready |        |        |        |  |                              |        |       |      |                                                                                         |       |      |
| May 15th. Improved        |        |        |        |  |                              |        |       |      |                                                                                         |       |      |
| New York                  |        |        |        |  |                              |        |       |      |                                                                                         |       |      |
| Spinless                  | .25    | 1.75   |        |  |                              |        |       |      |                                                                                         |       |      |

If wanted by mail add 25c per 100 for Cabbage, Cauliflower, Horse Radish, Sweet Potato, Parsley, Mint, Lavender and Pepper plants; 25c per doz. for Rhubarb, 5c each for Chives. Sweet Potato plants are in season only from May 1st to June 20th. Cabbage, Cauliflower, April 1st. We will send plants by parcel post at customers' risk only.

# Seeds, Bulbs, Poultry Supplies, Etc., by Parcel Post

**Order closer to home and save transportation charges.** All seeds, bulbs, etc., that we pay the transportation charges on are marked **postpaid** or **prepaid** and all articles that are not so marked purchaser is to pay transportation charges.

**Seeds, bulbs, poultry supplies, insecticides, garden tools and practically all articles** can be sent by parcel post, But we would not advise the following to be sent by parcel post, but should be sent by express: **Live plants, roots, vines, fruit trees, potted plants, shrubbery and rose bushes.** We find that there is always considerable delay in parcel post packages and goods of this character often times spoil while in transit. You will find below the correct parcel post table, showing the charges on the different quantities up to twenty pounds in the different zones. It will be cheaper for you to send packages weighing over twenty pounds by express. You no doubt know

about how many miles you live from Kansas City, Missouri, the table below will give you the zone in which you live.

If goods are to be insured, mark so on your order, and add ten cents to your order.

**IF YOU LIVE WITHIN—**  
150 miles from Kansas City, Mo.—First or second zone.

151 miles and 300 miles—Third zone.

301 miles and 600 miles—Fourth zone.

601 miles and 1,000 miles—Fifth zone.

1,001 miles and 1,400 miles—Sixth zone.

1,401 miles and 1,800 miles—Seventh zone.

1,800 miles and over—Eighth zone.

Order No. 7720, issued by the Postmaster General, fixes the Parcel Post rates and limits on weight for the several zones, as shown below:

| WEIGHT    | FIRST<br>Local Rate | ZONE<br>Zone Rate | Second<br>Zone Rate | Third<br>Zone Rate | Fourth<br>Zone Rate | Fifth<br>Zone Rate | Sixth<br>Zone Rate | Seventh<br>Zone Rate | Eighth<br>Zone Rate |
|-----------|---------------------|-------------------|---------------------|--------------------|---------------------|--------------------|--------------------|----------------------|---------------------|
| 1 pound   | \$0.05              | \$0.05            | \$0.05              | \$0.06             | \$0.07              | \$0.08             | \$0.09             | \$0.11               | \$0.12              |
| 2 pounds  | .06                 | .06               | .06                 | .08                | .11                 | .14                | .17                | .21                  | .24                 |
| 3 pounds  | .06                 | .07               | .07                 | .10                | .15                 | .20                | .25                | .31                  | .36                 |
| 4 pounds  | .07                 | .08               | .08                 | .12                | .19                 | .26                | .33                | .41                  | .48                 |
| 5 pounds  | .07                 | .09               | .09                 | .14                | .23                 | .32                | .41                | .51                  | .60                 |
| 6 pounds  | .08                 | .10               | .10                 | .16                | .27                 | .38                | .49                | .61                  | .72                 |
| 7 pounds  | .08                 | .11               | .11                 | .18                | .31                 | .44                | .57                | .71                  | .84                 |
| 8 pounds  | .09                 | .12               | .12                 | .20                | .35                 | .50                | .65                | .81                  | .96                 |
| 9 pounds  | .09                 | .13               | .13                 | .22                | .39                 | .56                | .73                | .91                  | 1.08                |
| 10 pounds | .10                 | .14               | .14                 | .24                | .43                 | .62                | .81                | 1.01                 | 1.20                |
| 11 pounds | .10                 | .15               | .15                 | .26                | .47                 | .68                | .89                | 1.11                 | 1.32                |
| 12 pounds | .11                 | .16               | .16                 | .28                | .51                 | .74                | .97                | 1.21                 | 1.44                |
| 13 pounds | .11                 | .17               | .17                 | .30                | .55                 | .80                | 1.05               | 1.31                 | 1.56                |
| 14 pounds | .12                 | .18               | .18                 | .32                | .59                 | .86                | 1.13               | 1.41                 | 1.68                |
| 15 pounds | .12                 | .19               | .19                 | .34                | .63                 | .92                | 1.21               | 1.51                 | 1.80                |
| 16 pounds | .13                 | .20               | .20                 | .36                | .67                 | .98                | 1.29               | 1.61                 | 1.92                |
| 17 pounds | .13                 | .21               | .21                 | .38                | .71                 | 1.04               | 1.37               | 1.71                 | 2.04                |
| 18 pounds | .14                 | .22               | .22                 | .40                | .75                 | 1.10               | 1.45               | 1.81                 | 2.16                |
| 19 pounds | .14                 | .23               | .23                 | .42                | .79                 | 1.16               | 1.53               | 1.91                 | 2.28                |
| 20 pounds | .15                 | .24               | .24                 | .44                | .83                 | 1.22               | 1.61               | 2.01                 | 2.40                |

## Special Rates on Seeds in Packets and Ounces

THIS OFFER IS BY MAIL, POSTAGE PAID BY US, TO ANY POSTOFFICE IN THE UNITED STATES.

For Remittance of \$1 you may select seeds in packets and ounces only, valued at..... \$1.25  
 For Remittance of \$2 you may select seeds in packets and ounces only, valued at..... 2.50  
 For Remittance of \$3 you may select seeds in packets and ounces only, valued at..... 3.75  
 For Remittance of \$4 you may select seeds, in packets and ounces only, valued at..... 5.00  
 For Remittance of \$5 you may select seeds, in packets and ounces only, valued at..... 6.25

## Special Rates on Seeds in Bulk

On orders for Garden and Flower Seeds in  $\frac{1}{4}$  pounds, pounds and upwards, including  $\frac{1}{4}$  bushel and upwards of peas, beans and sweet corn we will allow the following discounts:

5% Discount on orders amounting to..... \$ 3.00  
 7% Discount on orders amounting to..... 5.00  
 10% Discount on orders amounting to..... 10.00

Gardeners wanting orders amounting to more than \$10.00 write for Gardeners' Special Wholesale Price List.

**SPECIAL WITH EVERY ORDER AMOUNTING TO \$5.00 OR OVER** taken from this catalogue at these prices —A copy of **THE FARMERS' READY REFERENCE BOOK**. Now, this is not a child's book nor a mere plaything, but is practical in every way, and written by experienced men of authority. It is a book that touches on farm problems that come up every day, such as the raising of broom corn, soy beans, sweet clover, sugar beets, poultry raising, bee culture, and many others along that line. For the benefit of those who wish to buy this we will send it to you prepaid for 50c.



**This Book  
FREE  
with every order  
of \$5.00**

# SUDAN GRASS

A New Forage Crop of Immense Value to  
The Middle West

A  
Good  
Silo  
Crop



Will  
Grow  
During  
Dry  
or Wet  
Weath-  
er

## HARVESTING SUDAN GRASS IN TEXAS

**S**UDAN GRASS is the greatest drouth resisting forage crop grown; it does not blight under ample rainfall. In the black land belts, the clay formation, or sand<sup>y</sup> loam it seems to grow whether the rainfall is ample or limited. It is a tall, annual grass and under normal condition, ranges in height from five to eight feet. The stems are small and somewhat more leafy than Johnson Grass which it most nearly resembles, though it is entirely different from Johnson Grass, like the sorgum crops it must be planted each spring and dies when the first frost comes. The number of cuttings each season depends, therefore, upon the length of season; it usually matures ninety days from planting and the second crop is ready for harvesting within thirty days from the first cutting. Its feeding value marks it easily as one of the dependable crops of the farm. Stock of all kinds eat it readily and will leave any other kind of hay to eat it. It makes a splendid silo crop. In arid districts it is easily planted in rows thirty-six inches apart; this requires two pounds of seed to the acre, sown broadcast where the rainfall is ample requires from fifteen to twenty pounds to the acre. Price, per lb., postpaid, 25c, 10 lbs. for \$2.00.

## GENERAL SUGGESTIONS TO CUSTOMERS

**ORDER EARLY**—It will be a great convenience both to our customers and to ourselves if orders are sent us early. We aim to fill orders the same day received, but during the rush season find this not always possible—thus the advantage in ordering early.

**NAME, ADDRESS, ETC.**—When ordering give name and full address. Many orders reach us every season in which the name or postoffice address is lacking. It is, of course, impossible to fill these orders until they are identified.

**MARKET GARDENERS**—We number among our customers many market gardeners and other users of large quantities of seeds. Those desiring to purchase greater amounts than those quoted in our catalogue will find it to their advantage to send us a complete, itemized list of their requirements and we will be pleased to name a special net price on the order.

**HOW TO SEND MONEY**—Money can be sent safely either by Post Office Money Order, Bank Draft, Express Order or by Registered Letter. If your order amounts to \$1.00 or more, it is best to send by above method. We will also take postage stamps up to and including \$1.00; however, if it is more convenient and you have a banking account, **WE WILL ACCEPT YOUR PERSONAL CHECK**. We realize in some instances this will save considerable time and will be much more convenient to many of our customers.

**SEEDS BY EXPRESS OR FREIGHT**—At prices quoted we deliver seeds to any Express or Railroad Depot in Kansas City, Mo. Deduct 5 cents a pound from postpaid prices on seeds ordered by Express or Freight at purchaser's expense. On everything quoted

by the  $\frac{1}{4}$  bushel, bushel or 100 pounds, purchaser in every instance is to pay the transportation charges. This applies also to all tools, fertilizers, poultry supplies, etc., except when postpaid rates are named. Please give full shipping instructions. In the absence of these particulars we will use our own best judgment. No extra charge for bags, boxes or cartage.

**PRICES**—The prices named herein are those prevailing at the time this catalogue goes to press and are subject to market fluctuations in value. As values usually advance on many items during the season it will be to your advantage to order early.

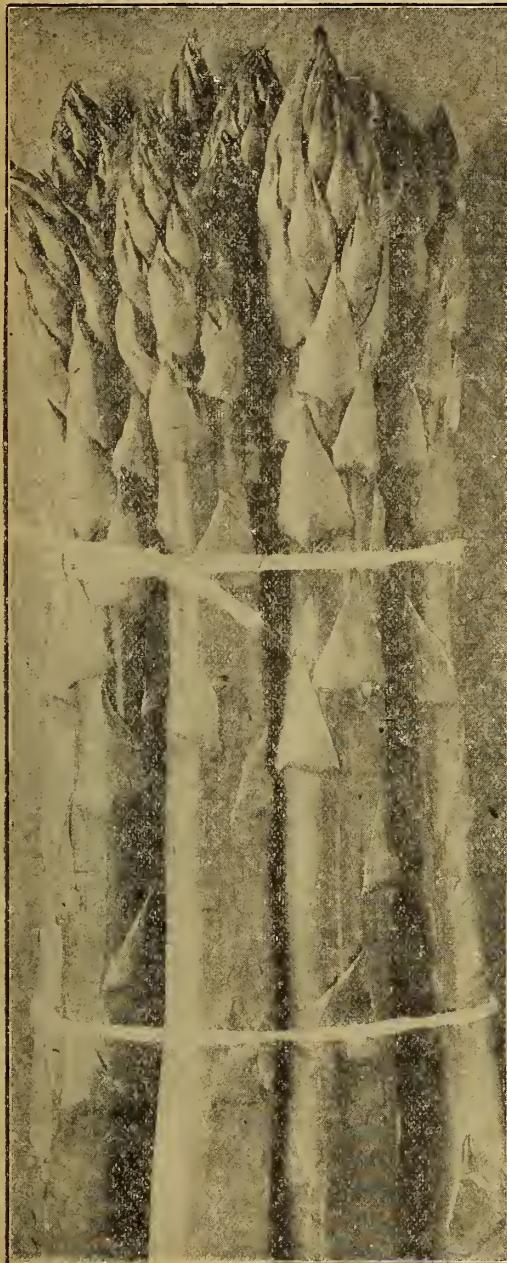
**FRUIT TREES, PLANTS, BULBS** and other perishable goods cannot be shipped until the ground and weather condition are in such shape that they can be dug without injury to the plant, etc. If your order for these items is not filled promptly you will know that it is held for this reason. We can generally ship, weather permitting, perishable goods by the 1st to 10th of March.

**DISCLAIMER**—So many different conditions may arise regarding the germination or growth of seeds, bulbs or plants, such as planting too shallow, or too deep, destruction by insects, frosts, chemical changes, etc., that we are forced to sell our seeds under the non-guarantee rule by all seedmen, viz.: The Harnden Seed Company, while they exercise great care in the selection of their seeds, give no warranty, express or implied, as to description, purity, productiveness of any seeds bulbs or shrubs they send out and they do not in any way guarantee them to give or be responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

**THE HARNDEN SEED CO.**

**KANSAS CITY, MO.**

## ASPAGARUS



PALMETTO.

**CULTURE.**—The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. Set out in beds 5 feet wide, 3 rows in a bed, the outer being each 1 foot from the edge, and 12 inches in the row; set the plants with roots well spread, about 6 inches below the surface. After the plants are well started, give frequent and thorough cultivation. In autumn, after the tops are fully ripe and yellow, they should be cut and burned and a good dressing of manure applied, and in the spring forked in, after which one quart of salt to each square rod put on

the ground will be found very beneficial. The next season the bed may be cut over two or three times, but if this is done, all the roots, no matter how small, should be cut, and after the final cutting, give a good dressing of manure and frequent cultivation. For market on a large scale, set 4 feet apart one way and  $1\frac{1}{2}$  the other; to grow plants from seed, sow in drills 1 inch deep in rows 1 foot apart; soak the seed before planting.

**ASPARAGUS CULTURE**—A book giving all possible details as to growing, soil, marketing, canning, etc., for home use or market; cloth, 60c; postpaid.

**COLUMBIAN MAMMOTH WHITE**—Gives immense yields of large white roots; shoots remain white without earthing or artificial blanching, as long as fit for use. A distinct and valuable variety. Seed prepaid, per pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 5 lbs., \$2.75. Roots prepaid, per 100, \$1.25; per 1,000, not prepaid, \$4.50.

**CONOVER'S COLOSSAL**—A well known standard variety, very large, strong shoots of excellent quality; not as clear white as Mammoth White, but preferred by many. Seed, price prepaid, per pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.50. Roots, prepaid, per 100, \$1.25; per 1,000, not prepaid, \$4.50.

**PALMETTO**—A very early maturing and prolific variety, producing an abundance of very large, deep green shoots of the best quality. Seed, price prepaid, per pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 5 lbs., \$2.75. Roots, price prepaid, per 100, \$1.25; per 1,000, not prepaid, \$4.50.

## NOTE

Owing to the extreme wet weather, Beans for the second year have been almost a failure. Continued high prices will prevail for another year. In filling orders this year, we will give the nearest bean we have of any variety we may be out of unless otherwise advised. But hope to be able to furnish the following varieties on early orders.

## BEANS

**DWARF LIMAS**—This comparatively new class of Limas cannot be recommended too highly. Dwarf Limas are fully equal in quality to Pole Limas and are much earlier maturing. Do not plant until the weather is warm and danger of frost is over.

**BUSH LIMA (HENDERSON'S)**—Extremely early; vines are without runners, but continue to grow and set pods until frost. Pods short and contain two or four beans, which are of fine quality, either green shelled or dry. Prepaid, pkg., 10c; pt., 30c; qt., 50c. Not prepaid, peck, \$2.00.

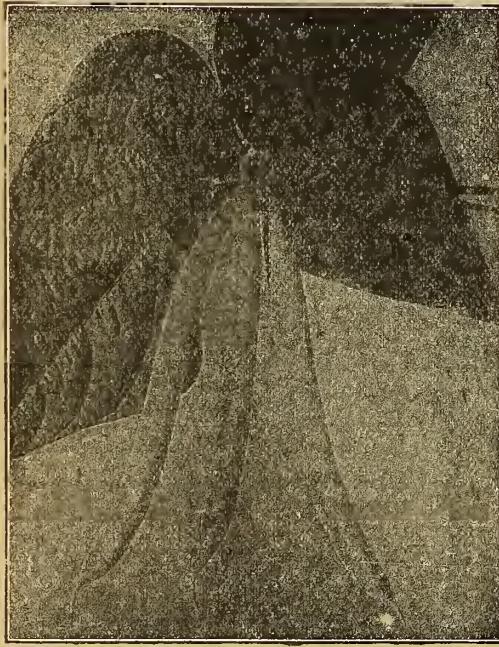
**BUSH LIMA (BURPEE'S)**—The bushes grow from 18 to 20 inches high, of stout growth and always erect. It is an immense yielder, each bush bearing from 50 to 200 large, handsome pods, well filled with very large beans, which are identical in size and luscious flavor to the well known large Pole Limas. Prepaid, pkg., 10c; pt., 30c; qt., 50c. Not prepaid, peck, \$2.00.

**JACKSON WONDER BUSH LIMA**—This is the most productive and very earliest of the Bush Limas. It is of true bush form, about 2 feet high, bearing greatest profusion of broad flat pods, each having from 3 to 5 medium-sized, flat, handsomely speckled beans, which cook quickly and are of superior quality. Prices, by mail, postpaid: Pkt., 10c; pt., 35c; qt., 65c;  $\frac{1}{2}$  pk., \$1.25; pk., \$2.50.

## BEANS, Dwarf or Bush (Continued)

### WAX PODDED SORTS.

If to go by Express or Freight at purchaser's expense deduct 5c from pint, and 10c from quart price.



CHALLENGE BLACK WAX.

**CULTURE**—The best soil adapted is a light, rich, well drained loam, which has been manured for a previous crop; do not plant before the ground becomes dry and warm, drop the seed in drills from 2 to 3 feet apart, leaving 2 to 4 plants to the foot of row; cultivate them frequently up to the time of blossoming, but never disturb them when the ground or plants are wet with rain or dew; beans should be cultivated very shallow, as any cutting of roots after the plants come into bloom is liable to cause the blossoms to blast.

**CHALLENGE DWARF BLACK WAX**—Continued experience has satisfied us of the great merit of this variety as the earliest wax podded bean. In all our many comparisons of this bean with other extra early sorts, we have found it the first to give a full picking of pods which were unexcelled by any in quality. Vines erect, compact, bearing the pods well up from the ground. The pods are an attractive medium yellow in color, medium sized, about  $4\frac{1}{2}$  inches long, considerably curved, round, very fleshy, crisp, tender and stringless. Seed jet black, longer and more curved than Prolific German Wax. The best extra early wax bean for the home or market garden. Prepaid, pkt., 10c; pt., 35c; qt., 60c. Not prepaid,  $\frac{1}{2}$  peck, \$1.50.

**CURRIE'S RUST-PROOF WAX**—We recommend this to our market gardener as an especially good wax bean. The pod is of a rich yellow color, but is a flat pod instead of a round pod, fully as tender, brittle and stringless, and comes nearer being an absolutely rust-proof bean than any other wax variety. Prepaid, pkt., 10c; pt., 35c; qt., 60c. Not prepaid,  $\frac{1}{2}$  peck, \$1.50.

**PROLIFIC GERMAN WAX, BLACK SEEDED**—Beans small, jet black; pods round, medium length, curved, fleshy and of a clear waxy yellow color, with long, slightly curved point. This bean is more extensively used by the market gardeners than any other variety of the wax sort. Prepaid, pkt., 10c; pt., 35c; qt., 60c. Not prepaid,  $\frac{1}{2}$  peck, \$1.50.

**PENCIL POD WAX**—Early, hardy, very prolific and of excellent quality. Pods are long, straight and round,

like a pencil, of a bright yellow color, tender, brittle and absolutely stringless. The seeds are long, round and rather small; color, black. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.25.

**RUSTLESS GOLDEN WAX**—Vines erect, compact, bearing the pods well up from the ground. Pods of medium length,  $4\frac{1}{2}$  to 5 inches, nearly straight, broad, flat, golden yellow, very fleshy and wax-like; cooking quickly as snaps, shelling well when green, and of the highest quality used in either way. Seed medium sized, oval, white, more or less covered with two shades of purplish red. The amount and shade of color on this and all parti-colored beans will be affected greatly by conditions of soil and ripening. Prepaid, pkt., 10c; pt., 35c; qt., 60c. Not prepaid,  $\frac{1}{2}$  peck, \$1.50.

**WARDWELL'S KIDNEY WAX**—This variety maturing a little later than the Golden Wax; yields a large crop of long, nearly straight, broad, creamy white, handsome pods. These are of large size, about 6 inches long, and are of good quality. They always command a ready sale, making the variety one of the most profitable for the market gardener. Suitable also for snaps for the home garden use. Leaves large, slightly roughened. Seed large, flattened, kidney shaped, white with dark markings about the eye. Prepaid, pkt., 10c; pt., 35c; qt., 60c. Not prepaid,  $\frac{1}{2}$  peck, \$1.50.

### GREEN PODDED SORTS

**TENNESSEE GREEN POD**—This dwarf, early intermediate snap bean is very popular in some sections of the South and wherever known in other parts of the country is spoken of in terms of highest praise. The vines are large, somewhat spreading and prolific. The foliage is dark green, with leaves large and crumpled. The pods are very long, often six to seven inches, flat, irregular in shape, bright but rather dark green and of excellent quality. Seed of medium size, oval, flat, yellowish brown in color. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.35.

**BOUNTIFUL**—The plant is very handsome and of sturdy growth, being practically immune to rust and mildew. It is very hardy, early and prolific and continues in bearing for several weeks. The pods are of immense size, rich green, thick, broad, extra long, solid, meaty, rich, tender and entirely free from string. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.35.

**STRINGLESS GREEN POD**—Earliest Green Podded Bush Bean. For either the market or home garden, no other green podded bean can be more highly recommended. It is very early. The pods are a rich green, very round and straight, 5 inches long. The pods are tender, bright and of the finest flavor, entirely stringless. Prepaid, pkt., 10c; pt., 35c; qt., 60c. Not prepaid,  $\frac{1}{2}$  peck, \$1.50.

**EXTRA EARLY ROUND POD RED VALENTINE**—For snaps there is nothing superior to this variety among the older green podded sorts. These plants are of dwarf, compact bush growth, 15 to 18 inches high; very prolific, hardy and early in maturing. Pods medium length, curved cylindrical, with crease in back; fleshy, crisp and tender. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.35.

**BLACK VALENTINE**—An extremely early, vigorous growing green podded variety; earlier than Red Valentine; very long and slender round pods of exceptional quality. As a variety for very early planting it stands cold and damp soil better than any other sort, absolutely rust-proof; seed black. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.35.

**EARLY YELLOW SIX WEEKS**—Seeds yellowish drab, pods long, straight and when young of good quality. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.25.

**LONGFELLOW**—Vigorous in growth, 16 inches tall, bearing abundance of pods 5 to 6 inches long; round, slightly curved, stringless when young; of good quality. Seed small, long, color mostly a dark red, relieved by blotches and markings of a lighter shade. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.35.

## BEANS, Pole or Running!

Pole Beans are even more sensitive to cold and wet, as well as to droughts and hot winds, than the dwarf varieties, but are of superior quality and productiveness. After settled warm weather, set poles 4 to 8 feet long in rows 4 feet apart and extending north and south, the poles being three feet apart in the row. Let the poles slant slightly toward the north. Set in this way the vines climb better, and the pods are straighter and more easily seen. Around each stake plant 5 to 8 beans  $1\frac{1}{2}$  to 2 inches deep. When well started thin to 4 plants, and see that they all climb around the pole in the same way, for they will not grow if tied up in the opposite direction. Another plan is to plant in rows thickly enough so that there will be one plant to 8 or 10 inches. Set posts 5 feet high firmly at each end of the rows and drive stakes made of 2x2 lumber at intervals of about 16 feet along the rows. Stretch a wire, size number 10 or 12, between the posts along each row, and fasten it to the tops of the stakes with wire staples. Run a lighter wire or twine along the bottom about 6 inches from the ground and fasten to the posts and stakes with wire staples. Between these two stretch a wire or twine wherever there is a plant. The vines will run up these until they reach the top wire, when they will care for themselves. Another way is to omit the bottom wire and stick small stakes 2 to 6 inches in the soil and fasten to top wire.

**HORTICULTURAL POLE, or Speckled Cranberry**—Vines vigorous with large, light colored leaves. Pods short, broad, green, streaked with bright red. Beans are large, round, splashed and spotted with red. Of very fine quality, either as a green shelled bean or dry. The best late shell bean for both home and market. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.25.

**KENTUCKY WONDER**—Also known as Old Homestead. We believe this variety is the most practically useful of the green podded pole beans suitable for use as snaps. It is an early, very prolific sort, with showy pods which are of most excellent quality. The vines are vigorous, climbing well and very productive, bearing pods in large clusters. The pods are medium light green, very long, often reaching 9 or 10 inches, nearly round and very crisp when young, becoming very irregular as the beans ripen. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.25.

**KENTUCKY WONDER WAX**—This remarkably vigorous growing, wax podded pole bean is very similar to the green podded Kentucky Wonder, but the very long pods are a little broader, very fleshy and quite stringless as snaps. The mature pods are often 8 to 9 inches in length. Seed medium size, oval, flattened, very irregular, dark brown. The seed even from the most matured crops is usually somewhat shriveled in appearance. Its earliness and hardiness commend it as a pole bean well adapted even for Northern latitudes. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.25.

**LAZY WIFE**—The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains from 6 to 8 round, white beans, which make excellent winter shell beans. Prepaid, pkt., 10c; pt., 35c; qt., 60c. Not prepaid,  $\frac{1}{2}$  peck, \$1.50.

**SPECKLED CUT SHORT, or Corn Hill**—An old variety, very popular in the Central and Southern states for planting among corn. It will give a good crop without the use of poles. Vines medium sized, but vigorous, twining loosely with dark colored leaves. Pods short, 3 to 4 inches in length, flat to oval, fleshy and of good quality. Prepaid, pkt., 10c; pt., 35c; qt., 60c. Not prepaid,  $\frac{1}{2}$  peck, \$1.50.

**SCARLET RUNNER**—Ornamental and useful. The vine is graceful; flowers are of a brilliant scarlet, and the beans are of an excellent quality. Prepaid, pkt., 10c; pt., 35c; qt., 60c. Not prepaid,  $\frac{1}{2}$  peck, \$1.50.

**WHITE CREASEBACK**—A fine early, green podded pole bean of rapid growth and very productive. The pods grow in clusters and are from 5 to 6 inches in length, perfectly round and deeply creased. They are very fleshy, stringless and of the best quality. The beans are white and are excellent shelled for winter use. Prepaid, pkt., 10c; pt., 25c; qt., 45c. Not prepaid,  $\frac{1}{2}$  peck, \$1.25.

**WHITE DUTCH CASE KNIFE**—A climbing variety with long, flat irregular pods, which become creamy white as they mature; seed broad, flat and clear white. Pkt., 10c; pt., 35c; qt., 50c. Not prepaid, peck, \$2.00.

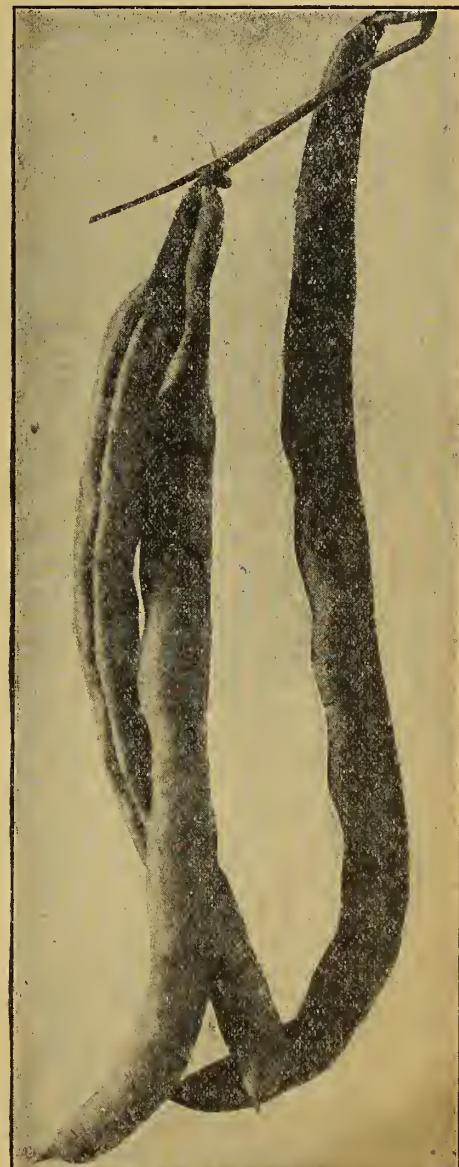
## POLE LIMA BEANS

The Limas being more tender and liable to rot in the ground if it is cold and wet, must be planted later, say about the last of May or first week in June. Plant about 2 inches deep. The seed of the Limas is very large, flat and white in color. Picking the pods as fast as the beans are large enough to use will lengthen the time of bearing.

**SMALL CAROLINA, OR SIEVA LIMA**—This is a small type of the pole limas. It matures quickly, produces immense crops, and makes an excellent bean for winter use. Pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  pk., \$1.25.

**KING OF THE GARDEN LIMA**—A vigorous grower, bearing profusely large pods. The beans are large and of rich flavor. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.25; 1 peck, \$2.25.

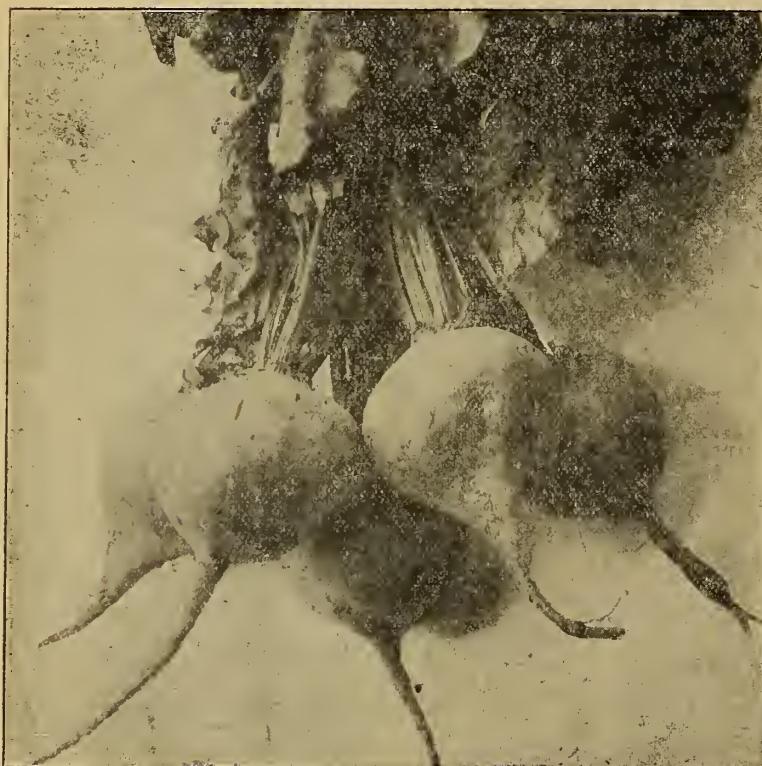
**LARGE WHITE LIMA**—The old standard variety, early and productive. Beans very large and of good flavor. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.25; 1 peck, \$2.25.



KENTUCKY WONDER.

# BEETS

## FOR TABLE AND FARMS



HARNDEN'S EARLY MARKET.

**ELECTRIC BEET**—The best all around beet for market garden purposes ever produced on our market. Every person that has tried this superb beet pronounces it one of the best beets in cultivation. Almost round leaves, small, dark, rich crimson, with rings of lighter hue; flavor delicate, rich and sugary. Prepaid, pkt. 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

**HALF LONG BLOOD**—This is rapidly becoming a very popular sort and will probably produce more bushels from a given area than any other sort, as it does not occupy so much space in the row as the turnip shaped varieties. Prepaid, pkt. 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**CRIMSON GLOBE**—This splendid variety has now been grown quite extensively in many sections of the country and the many good reports received from our customers indicate that it gives most thorough satisfaction. The roots is of medium size, generally about 3 inches in diameter, very handsome in shape, being a little deeper than round, with a remarkably smooth surface. The interior color is very deep crimson throughout, but is ringed or zoned in a most beautiful manner, making it very attractive in appearance. Prepaid, pkt., 5c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

**SWISS CHARD, or Sea Kale Beet**—Summer Spinach—A distinct vegetable and much superior to the common beet for greens and equal to spinach. Sow early in the spring, in rows 16 inches apart and the seedlings afterward thin out to 6 inches in the row.

**LARGE RIBBED WHITE**—This does not make edible roots like the regular garden beets, but is grown for the broad white leaf stalks, which are bunched and cooked in the same manner as asparagus, and make a delicious summer vegetable. The young leaves may be gathered also and cooked like spinach. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 85c.

The best results are obtained on a deep, rich sandy loam. If wanted early, sow such sorts as Crosby's Egyptian or Harnden's Early Market in hotbeds and transplant, cutting off the outer leaves. For general crop sow in freshly prepared soil as soon as the ground will permit, in rows 18 inches apart, covering about an inch deep and pressing the soil firmly over the seed. When the plants are well established thin out to 6 inches apart in the row. For winter use the turnip varieties may be sown in June so as to mature late in the season. The roots are stored in a cellar and covered with sand or sandy soil to prevent wilting, or they may be kept outdoors in pits such as are used for apples and potatoes.

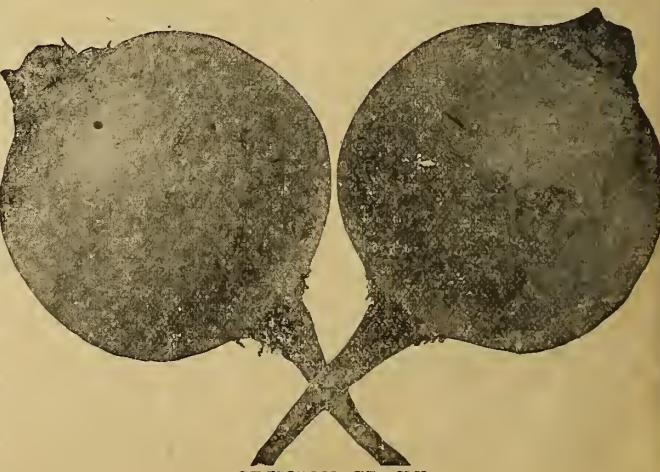
**CROSBY'S EGYPTIAN**—An improved strain of the Egyptian. Instead of being flat the roots are smooth and round in shape; of finer quality, combined with the same extra early maturity. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**EARLY ECLIPSE**—Another very fine early variety with globe-shaped roots; flesh dark blood, zoned with a lighter red. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**EARLY BLOOD TURNIP**—A handsome, clean, turnip shaped blood beet. Skin and flesh are of a deep blood red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**DETROIT DARK RED**—Tops exceptionally small and uniformly upright, roots are perfect turnip shape with small tap roots. The principal fault with most turnip beets is the occasional appearance of white rings, but by careful selection this has been overcome and will be found to be one of the deepest red beets. Quality of the very best, sweet, tender. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., 75c.

**HARNDEN'S EARLY MARKET**—The earliest beet ever brought on the market, maturing earlier than any other beet. Tops small, making it fine for bunching. Skin and flesh deep blood red, fine grained and tender. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.



CRIMSON GLOBE

## Mangel Wurzel, and Sugar Beets for Stock



IMPROVED  
MANGEL  
WURZEL.  
MAMMOTH  
LONG RED.

**CULTURE**—Sow the seed during April and not later than the last of May. Plant one inch deep in drills from 2 to  $2\frac{1}{2}$  feet apart, dropping from 6 to 10 seeds to the foot, which will require from 6 to 10 pounds to the acre. When the plants are 3 inches high, thin out with the hoe to 10 to 12 inches. Cultivate well and often, but discontinue as soon as the roots have commenced to form. The roots should be harvested and stored in pits or cellar when ripe, for if left they may start into fresh growth.

**HARNDEN'S MAMMOTH LONG RED**—The roots are very large, uniformly straight and heavy cropper. It is the best long red mangel and of the greatest value for stock feeding. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c. Not prepaid, 5 lbs., \$1.75; 10 lbs., \$2.50.

**GOLDEN TANKARD**—One of the finest mangels in cultivation; used extensively in England for dairy farming; of almost cylindrical shape. Color deep yellow. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c; 5 lbs., \$1.75.

**SPECIAL PRICES**—In quantities we can furnish as below:  
10 lb. lots at 20c per lb., not prepaid.  
20 lb. lots at 19c per lb., not prepaid.  
50 lb. lots at 18c per lb., not prepaid.  
100 lb. lots at 17c per lb., not prepaid.  
Prices on larger quantities will be furnished on request.

### SUGAR BEET

**VILMORIN'S IMPROVED WHITE**—Of medium size and brought by careful selection to the highest perfection, both in shape and color of roots. Greatly esteemed by sugar manufacturers, and one of the finest for stock feeding, owing to the high percentage of sugar. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c; 5 lbs., \$1.75.

**SPECIAL PRICES**—In quantities we can furnish as below:  
10 lb. lots at 20c per lb., not prepaid. 50 lb. lots at 18c per lb., not prepaid.  
20 lb. lots at 19c per lb., not prepaid. 100 lb. lots at 17c per lb., not prepaid.  
Prices on larger quantities will be furnished on request.

## CAULIFLOWER

Cauliflower, although one of the most delicious vegetables, is but little grown except by professional gardeners because of the erroneous notion that it is so difficult to grow that only skilled gardeners can produce it. Any one will be reasonably sure, if the cultural directions given below are carefully followed:

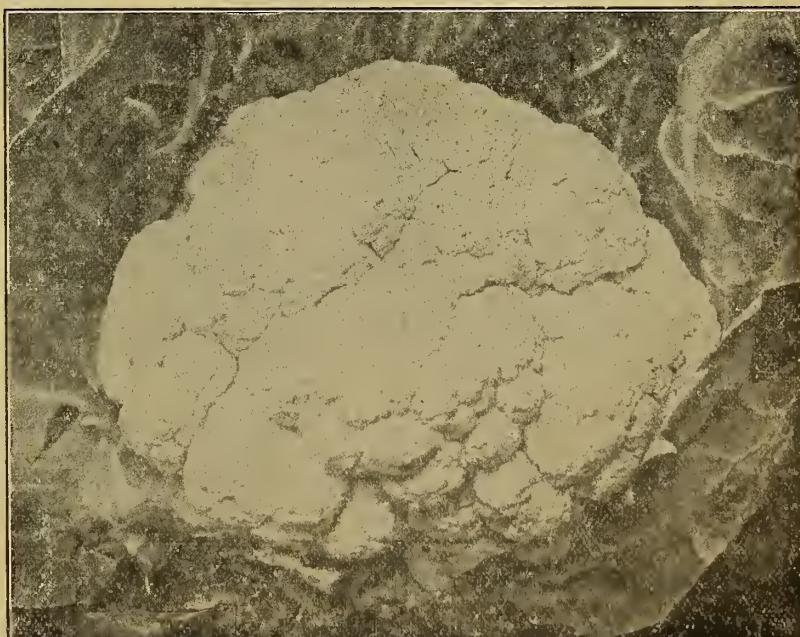
**CULTURE**—Make the soil as fine as possible for every transplanting, and do not allow the young plants to become checked at any time for want of water. For spring and early summer use, sow in February or March in hotbed, and transplant to cold frame when sufficiently large, and to the garden as soon as ground is warm enough. For late autumn crops, sow in the early part of June, and transplant in July. In dry weather water freely, and as they advance in growth hoe deep and draw earth to the stem. When heading tie the outside leaves loosely over the heads to protect from the sun.

**EARLY SNOWBALL**—Unquestionably the earliest maturing strain of the true short leaved snowball type of cauliflower. Its close growing, compact habit enables one-third more to be planted on the same space of ground than can be done with other varieties. For forcing under glass during winter and spring Snowball is peculiarly well adapted, from its dwarf growth and short outer leaves, and for this purpose no other cauliflower is now as largely grown. Prepaid, pkt., 15c;  $\frac{1}{4}$  oz., 65c; 1 oz., \$2.50; 2 ozs., \$4.50;  $\frac{1}{4}$  lb., \$8.00.

**EXTRA EARLY DWARF ERFURT**—A favorite early market variety, very compact heads; it has very narrow leaves which grow perfectly upright, thus adapting it for close cultivation or forcing. Prepaid, pkt., 15c;  $\frac{1}{4}$  oz., 65c; 1 oz., \$3.00; 2 ozs., \$5.00;  $\frac{1}{4}$  lb., \$9.00.

**DANISH GIANT (Dry Weather)**—The crop is two or three weeks later than Earliest Erfurt. Heads are pure white and of fine quality. The plants are less affected by dry weather than any other variety. Prepaid, pkt., 15c;  $\frac{1}{4}$  oz., 65c; 1 oz., \$2.25; 2 ozs., \$4.25;  $\frac{1}{4}$  lb., \$8.00.

**EXTRA EARLY PARIS**—Heads of uniform size, solid and blanch easily, but are not so large nor of so fine quality as the Erfurt type. Prepaid, pkt., 10c;  $\frac{1}{2}$  oz., 40c; 1 oz., 75c.



# CABBAGE

**CULTURE**—The Cabbage, to be well grown, requires a deep, rich loamy soil. For early use sow the seed in hotbeds in February or March, or it may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in spring as soon as the ground can be worked, in rows 2 feet apart and the plants 18 inches apart in rows. For late or winter use, the seed should be sown in May, and the plants set out in July,  $2\frac{1}{2}$  to 3 feet apart. Cabbages should be hoed every week and the ground stirred as they advance in growth, drawing up a little earth to the plants each time until they begin to head, when they should be thoroughly cultivated and left to mature. Loosening the roots will sometimes retard the bursting of full grown heads. To preserve cabbages during winter, pull them on a dry day and turn them over on the heads a few hours to drain. Set them out in a cool cellar, or bury them in long trenches in a dry situation, covering with boards or straw so as to keep out frost and rain.

**EARLY JERSEY WAKEFIELD**—The earliest and hardest heading of first early cabbages. Most gardeners depend upon it for the bulk of their extra early crop. Its exceeding hardiness not only to resist cold weather, but other unfavorable conditions, insure the greatest likelihood of profitable and satisfactory results. Prepaid, ptk., 5c; oz., 25c;  $\frac{1}{4}$  lb., 65c; 1 lb., \$2.00. Not prepaid, 5 lbs., \$1.50 per lb.

**CHARLESTON, or Large Wakefield**—Similar in every respect to the Jersey Wakefield except that it is very much larger, and not quite so early. Heads not quite as much pointed. Prepaid, ptk., 5c; oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

**COPENHAGEN MARKET**—Is the earliest large, round or flat-headed sort. The ripening is early and uniform, maturing at one time and almost with Early Jersey Wakefield (oblong head). Considering its early season, the heads are remarkably large, averaging ten pounds in weight. One of its chief features is compactness; its leaves, which are light green, are round, dish-shaped and fold tightly together in remarkably compact and solid form; it is so solid that many more plants can be grown on an acre than is possible with most sorts. It has few outer leaves, which permits close planting, and it grows close to the ground on a short stem. Pkt. 5c; oz., 50c; 2 oz., 85c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$3.50.

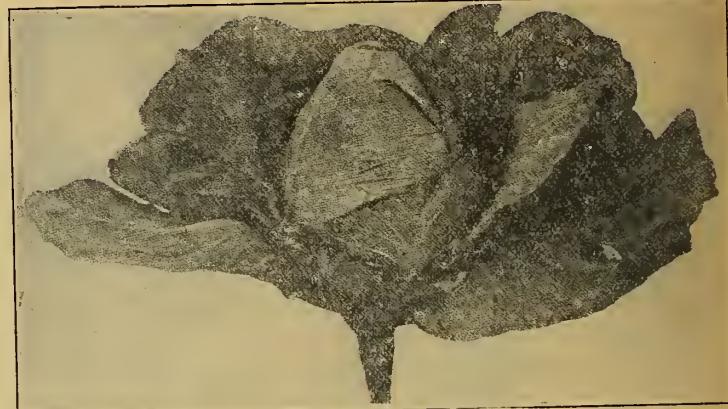
**ALL HEAD EARLY**—The best early flat head cabbage. Deep, flat, solid heads, uniform in color, shape and size. Heads grow so compactly and free from spreading leaves that fully one thousand more cabbages can be grown on an acre. Prepaid, ptk., 5c; oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50. Not prepaid, 5 lbs., \$1.25 per lb.

**HENDERSON'S EARLY SUMMER**—About 10 days later than the Early Wakefield, but being fully double the size, it may be classed as decidedly the best large early cabbage, and is deservedly popular with market gardeners. Equal in weight to most of the late varieties. Keeps a long time without bursting. Heads round, not pointed. Prepaid, ptk., 5c; oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50. Not prepaid, 5 lbs., \$1.25 per lb.

**EARLY DWARF ULM SAVOY**—Very early and of fine quality. Heads round, beautifully crumpled, solid and of a deep green color. Prepaid, ptk., 5c; oz., 25c;  $\frac{1}{4}$  lb., 65c.

**MAMMOTH ROCK RED**—The largest and surest heading red cabbage, much better than stock offered as Red Drumhead. The plant is large, with numerous spreading leaves. The head is large, round, very solid and of very attractive deep red color. Prepaid, ptk., 5c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25.

**FOTTLER'S EARLY DRUMHEAD, or Brunswick Short Stem**—This has proven to be a most excellent acclimated second early variety. It is low on the stump, heads solid and compact, weighing from 10 to 15 pounds each, and is sure to head. A very valuable variety. Prepaid, ptk., 5c; oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50. Not prepaid, 5 lbs., \$1.25 per lb.



EARLY JERSEY WAKEFIELD.

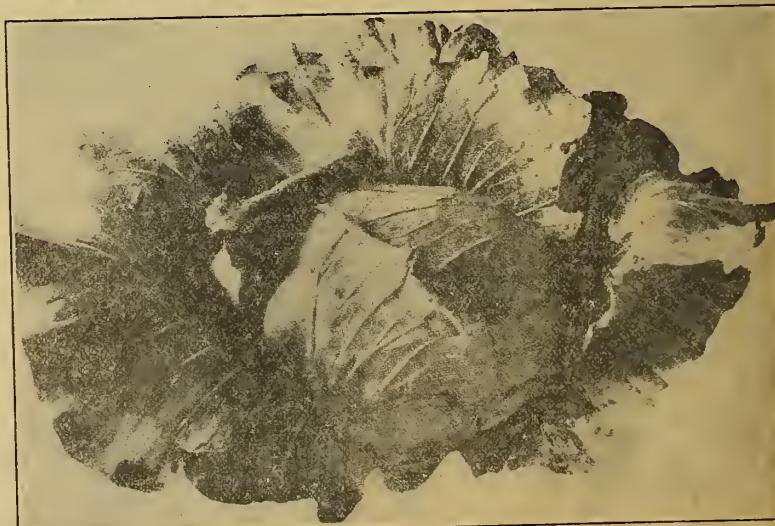
**HOLLANDER, or Danish Ball Head**—This splendid variety is remarkable for its solidity and grand keeping qualities. The heads, although not quite so large as Premium Flat Dutch, are equally as heavy and superb in quality. Prepaid, ptk., 5c; oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50. Not prepaid, 5 lbs., \$1.25 per lb.

**PREMIUM LATE FLAT DUTCH**—We have taken great pains in the selection of this strain, and have sold it to our market gardeners for a number of seasons. It has given universal satisfaction to every one who has tried it, maturing well in our climate, and produces large and compact heads. For general crop this variety cannot be excelled. Prepaid, ptk., 5c; oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50. Not prepaid, 5 lbs., \$1.25 per lb.

**ST. LOUIS LATE MARKET**—An extremely large and solid heading variety, well suited for fall and winter. It forms large, handsome heads, which will keep in the best condition for a long time. Prepaid, ptk., 5c; oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75. Not prepaid, 5 lbs., \$1.50 per lb.

We offer the following standard sorts, postpaid, ptk., 5c; oz., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50. Not prepaid, 5 lbs., \$1.25 per lb.

Early Winningstadt, Early Flat Dutch, All Seasons, Succession, Surehead, Early Drumhead, Large Late Drumhead.



ST. LOUIS LATE MARKET.

**CABBAGE PLANTS**—Both early and late varieties. Ready from April 15 up till June 1.

## CARROT

WRITE FOR SPECIAL PRICES ON LARGE QUANTITIES.

The carrot is one of the most wholesome and nutritious of our garden roots deserving to be more extensively used for culinary purposes and we urge our customers to give some of the early table varieties as well as feeding sorts a trial.

**CULTURE**—Sow seed thinly in drills of  $\frac{1}{2}$  to 1 inch deep early in the spring, making several sowings to afford a succession. For garden culture sow in rows of 16 to 18 inches apart, and for field culture 18 to 24 inches. When well started thin out the early sorts to 8 to 10 to the foot, and late varieties from 4 to 6 inches apart in a row. A sandy loam, made rich by manuring the previous year, is the best soil. Avoid sowing on a newly manured ground, as it tends to produce forked roots.

**DANVERS**—Flesh sweet, crisp, tender and of a bright orange color. Valuable both for table use and for stock feeding. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**CHANTENAY**—A stump rooted variety; flesh deep orange color; solid, tender and of excellent flavor. A variety which the market gardeners should plant for their main crop; a heavy cropper. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**IMPROVED LONG ORANGE**—The most popular of the older sorts for farm use. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 75c.

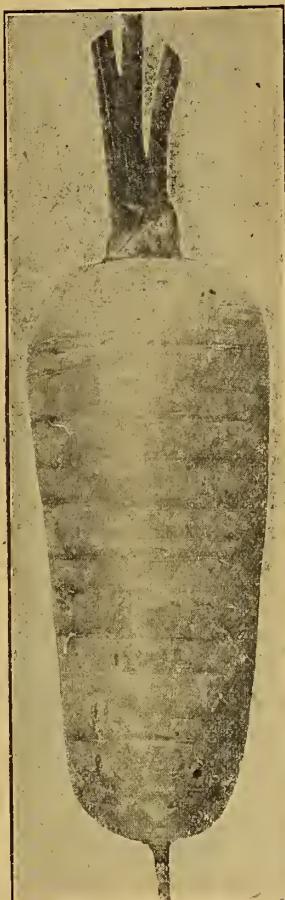
**GUERANDE, or Ox Heart**—(Stump Rooted)—Comparatively short roots, but often reaching a distance of several inches. Flesh bright orange, fine grain and sweet. This is a desirable variety for ground that is so hard and stiff that longer growing sorts would not thrive on it. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 75c.

**EARLY HALF LONG SCARLET CARENTAN**—(The best bunching carrot)—A deep scarlet variety without core. It is excellent for forcing: of fine quality and perfect shape; tops very small, roots cylindrical. The finest and sweetest carrot listed. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

## CHERVIL

**CULTURE**—1 oz. to 100 feet of drill. Rows 1 foot apart.

**CURLED**—The young leaves are used in soups and salads. Sow in May in drills half an inch deep. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 40c.



CHANTENAY.

## CHIVES

**CHIVES** (SCHNITTBLAUCH)—The chives are small members of the onion tribe, leaves very slender and appear very early in spring; can be shorn several times during the season and used for flavoring soups and salads. Bulbs, 20c per bunch, prepaid; Seed, pkt., 10c.

## CHICORY

**CULTURE**—Sow in drills half an inch deep, in rich, mellow soil; the after culture being the same as recommended for carrots.

**LARGE ROOTED**—Roots of fine form, the chicory of commerce, used to adulterate coffee. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

## CORN SALAD

FETTICUS OR LAMB'S LETTUCE

**CULTURE**—For winter use sow shallow in rows 1 foot apart during August or September. The plants are ready for use in six or eight weeks. When winter approaches give them a very light covering of hay or straw. The plants are hardy and will remain green and fit for use all winter. The seed may also be sown early in spring. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c.

## COLLARDS

A tall, loose leaved cabbage-like or kale-like plant grown throughout the South. It is extensively used for the table and for stock in the South, where it continues in growth and is usable throughout the entire winter. Collards usually succeed in locations where cabbage cannot be grown to perfection.

**TRUE GEORGIA**—This is the white stemmed variety, growing 2 or 3 feet high and forming a large, loose, open head or cluster of leaves with a rather long stem. A frost, if not too severe, will improve rather than injure the quality of the leaves. Sow thickly in drills where the plants are to remain and when well started thin to 2 or 3 feet apart in the row. In the South, sow from January to May and from August to October. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

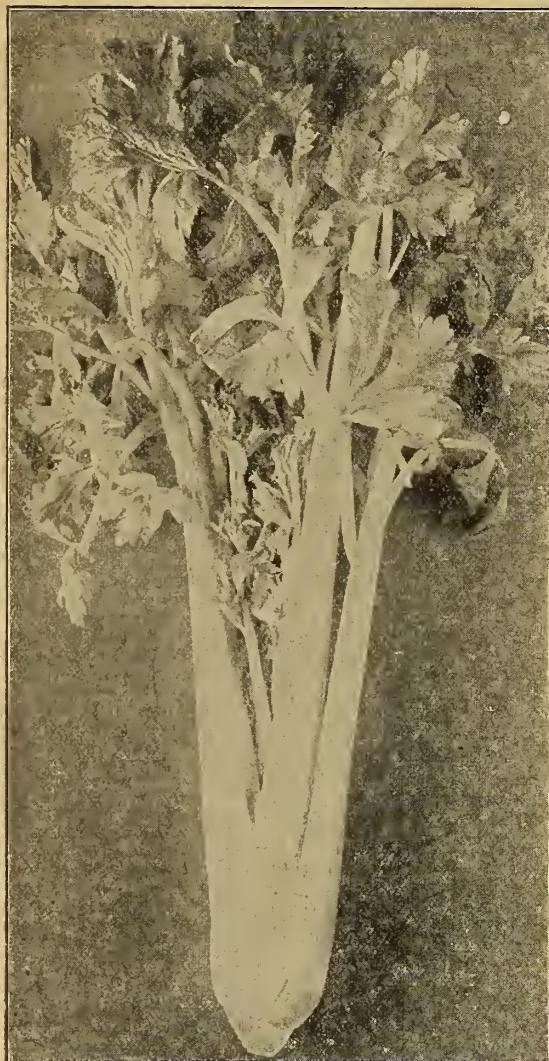
## CRESS



TRUE WATER.

**CURLED, or Pepper Grass**—This small salad is much used with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Sow thickly in drills 16 inches apart. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**TRUE WATER**—This is quite a distinct variety of cress. A small growth may be obtained when planted in soil and kept moist, but thrives best when its roots and stems are submerged in water. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small streams. Prepaid, pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.00.



GOLDEN YELLOW SELF-BLANCHING.

## CUCUMBER

**CULTURE**—Cucumbers thrive best in a very rich, loamy soil, not containing too much sand. A rather heavy soil is preferable to sandy soil. The most successful growers fertilize heavily with barnyard manure, scattered evenly over the surface 2 or 3 inches deep. Plant from 12 to 15 seed in a hill. The hills should be from 4 to 6 feet apart. When the plants have attained good size and danger of the striped beetle is over, thin out to 3 plants in a hill; cultivate until the plants make long runners.

**DAVIS PERFECT**—Color a dark glossy green. Length, 10 to 12 inches. Slim in shape and of exceptionally good flavor. One of the very best for forcing under glass and also for outdoor culture. Prepaid, pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50.

## CELERY

**CULTURE**—Sow in drills early in spring as soon as the ground can be worked. The soil should be rich and well prepared. Cover the seed lightly with fine earth, tamping in firmly. Keep moist to insure germination and quick, vigorous growth. In order to secure stocky plants cut off the tops once or twice before transplanting to the field or garden. Set plants 6 to 8 inches apart in rows from 3 to 4 feet apart. Transplanting should be done about the last of June. Care should be taken to firm the earth well around the roots of the plant; work up the soil between the rows, drawing it to the plants from time to time until they are covered to the very tops.

**WHITE PLUME**—This handsome sort is valued because naturally the stalk and portions of the inner leaves and heart are white; the whiteness does not show, however, until the plants are about one-third grown; it is unsurpassed for all uses and the earliest celery in the market. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**GIANT PASCAL**—Grows about 2 feet high; the stalks are very broad, thick and crisp, and of a rich, nutty flavor. The heart is golden yellow, very full and attractive in appearance; it bleaches very easily and quickly. Prepaid, pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

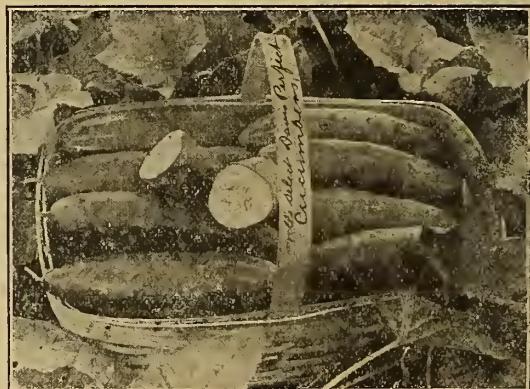
**CELERIAC, or Turnip-Rooted Celery**—Sow seed same as celery. Transplant in rows 2 feet apart, 9 inches in a row. Thorough cultivation is necessary to secure good roots. Earthing up is not necessary. Roots may be cooked or used as a salad.

**GIANT SMOOTH PRAGUE**—A very large and smooth variety, free from side roots. Prepaid, pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**GOLDEN YELLOW SELF-BLANCHING**—This splendid variety is without doubt the most popular celery grown. It is a self-blanching sort, for with a little banking or covering, even the outer ribs assume a beautiful golden yellow, while the heart or vine stalks are deliciously tender, brittle and sweet. This variety is being very extensively grown both for market and private use, not only on account of its ease of culture, but for its superior quality. The hearts are large and solid, blanching a beautiful waxy yellow. It is tender and sweet and free from stringiness. Its flavor is delightful.

**AMERICAN**—Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$4.00.

**FRENCH**—Pkt., 15c;  $\frac{1}{2}$  oz., 60c; oz., \$1.10;  $\frac{1}{4}$  lb., \$4.00.



DAVIS PERFECT.

**CELERY FOR PROFIT, BY GREINER**—Paper, postage, 25c.

CUCUMBER [Continued]

WRITE FOR PRICES ON LARGE QUANTITIES.



**EXTRA LONG, OR EVERGREEN WHITE SPINE.**

**EXTRA LONG, or EVERGREEN White Spine**—Beautiful in shape and color. Fruit is long and cylindrical, dark green; flesh is white, crisp and tender and of the finest quality. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

**IMPROVED ARLINGTON WHITE SPINE**—This is the strain so universally popular for growing under glass, the earliest and by far the best forcing strain; uniform in size, color a rich green, with light green spines. It is not only the best for forcing, but is unsurpassed for open ground. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

**IMPROVED LONG GREEN**—A standard late sort; fruit dark green. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

**KLONDIKE**—Averaging from 6 to 8 inches in length; uniform in size; dark green in color; retaining its color, and a very prolific yielder. One of the best for home gardens, and a good market garden sort. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

**JAPANESE CLIMBING**—Vines are of healthy, vigorous growth, with rich dark green foliage, and throws out strong, grasping tendrils, which enable it to climb trellis, wire netting, brush or any other suitable support. Of large size, cylindrical shape; flesh pure white; skin dark green. Prepaid, pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

We offer the following, prepaid:

|                               | Pkt.   | oz.    | $\frac{1}{4}$ lb. | lb.    | 5 lbs. |
|-------------------------------|--------|--------|-------------------|--------|--------|
| <b>Chicago Pickling</b> ..... | \$0.05 | \$0.10 | \$0.25            | \$0.75 | \$3.50 |
| <b>Early Cluster</b> .....    | .05    | .10    | .25               | .75    | 3.50   |
| <b>Early Frame</b> .....      | .05    | .10    | .25               | .75    | 3.50   |
| <b>Gherkin</b> .....          | .05    | .20    | .60               | 2.00   | ....   |

**HARNDEN'S IMPROVED DARK GREEN**—A grand new variety. Everybody who saw the crop last year says they never saw anything to equal it. Dark, glossy green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. Early as earliest strain of White Spine and outyields all others. Prepaid, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

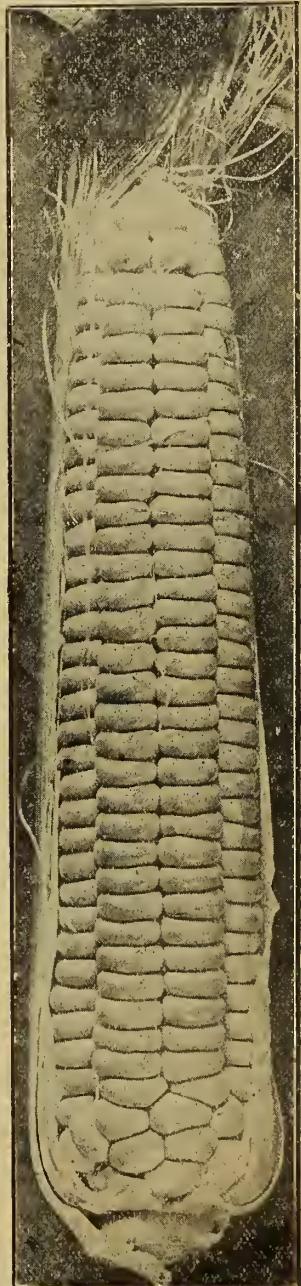
CORN

SWEET, OR TABLE VARIETIES

**CULTURE**—The stalks, being short and small and having few leaves, may stand very close together. The seed may be planted either in hills or in rows. If the former, plant 6 or 7 kernels in a hill, thinning out well so as to have 4 plants in each hill. If in rows and not in hills, drop the seed from 6 to 8 inches apart, according to the soil, and if planted early cover about 1 inch deep. Seed planted later should be planted deeper, according to the amount of moisture in the soil. The rows may be just far enough apart to admit of cultivation. Eight quarts of seed will plant an acre.

**MAMMOTH WHITE CORY**—Ears larger than common Cory, and 2 or even 3 to the stalk. Claimed by the originator to be the largest and best extra early sweet corn in existence. The grains are in 12 rows, and the ear is symmetrical and handsome, with no openings between the rows at the base. Grains large and white and of remarkably good quality for such an early sort. Excellent for market. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 75c; 1 peck, \$1.25.

**GOLDEN BANTAM**—Early Sweet Corn, with yellow kernels; ears 8 rowed, 6 to 7 inches long; heights from 4 to 5 feet. Very sweet and delicious; tender and of excellent quality. One of the best early varieties. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 85c; peck, \$1.50.



You will have to buy your field seed corn this year. Why not try some of our Selected Field Corn and get started with a good grade of corn. See page 61 & 62.

## CORN, Sweet or Table Varieties [Continued]

**EXTRA EARLY ADAMS**—This is not a true sweet corn, but produces ears well filled with tender white grains. It is very early, and on account of its hardness and hard round grain, it can be planted much earlier than sweet corn. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 65c; 1 peck, \$1.10.

**PREMO SWEET CORN**—The New Premo matures 4 to 5 days ahead of Cory or Adams. This is a very important gain in time, especially in view of the fact that Premo is a superior corn with larger and sweeter ears of better appearance. The ear of Premo is from 6 to 7 inches long and of fine shape for a first early sort. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 75c; 1 peck, \$1.25.

**PEEP O'DAY**—One of the sweetest of all the extra early varieties. The stalks grow  $3\frac{1}{2}$  to  $4\frac{1}{2}$  feet high, and bear 4 to 5 ears to a stalk. Being small stalks stand very close planting. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 85c; 1 peck, \$1.50.

**WHITE MEXICAN**—An early sweet corn of very rich and excellent flavor. Stalks about  $4\frac{1}{2}$  feet high; ears 8 inches long, usually 8 rowed; about the same season as Crosby's Early and other early variety of equally large size. Our stock is far superior to much that has been sold under this name. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 85c; 1 peck, \$1.50.

**EARLY CHAMPION**—The earliest largest sweet corn grown. This variety is the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. It is 10 and 12 rowed, and pure white in color; sweet and tender. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 75c; 1 peck, \$1.25.

**EARLY MINNESOTA**—An old and popular market sort. Stalks short bearing, 1 or 2 long 8 rowed ears; coming into bearing a little earlier than the Early Adams. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 75c; 1 peck, \$1.25.

**SHAKER'S EARLY**—Matures about the same time as the Minnesota; kernels are large and pearly white. The quality is faultless, pure white, full kernels, with medium sized white cob; very sweet, tender and full of milk; yielding 2 to 3 ears to the stalk; excellent for canning. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 75c; 1 peck, \$1.25.

**COUNTRY GENTLEMAN**—A medium late variety of sweet corn; one of the best for private use; kernels very deep, placed irregularly, but compactly on the cob, the cob itself being very small. Pkt., 10c; pt., 15c; qt., 35c;  $\frac{1}{2}$  peck, 85c; peck, \$1.50.

**WHITE EVERGREEN**—Has most of the characteristics of the regular Stowell's Evergreen. Is about 5 days earlier; grains pure white and remains tender a long time. A very good variety for canning, as it retains the pure white color. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 85c; 1 peck, \$1.50.

**EARLY EVERGREEN**—The best second early sweet corn, possessing every good quality of the Stowell's Evergreen, and resembling it in every respect. Matures 10 days earlier than the Evergreen. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 75c; 1 peck, \$1.25.

**STOWELL'S EVERGREEN**—The best late sweet corn in every way, being large eared, hardy and productive, sweet and tender, remaining a long time in condition suitable for cooking; there is no other late sweet corn which can compare with it. Prepaid, pkt., 10c; pt., 25c; qt., 35c. Not prepaid,  $\frac{1}{2}$  peck, 75c; 1 peck, \$1.25.

If to go by Express or Freight at purchaser's expense deduct 5c from pint and 10c from quart price.

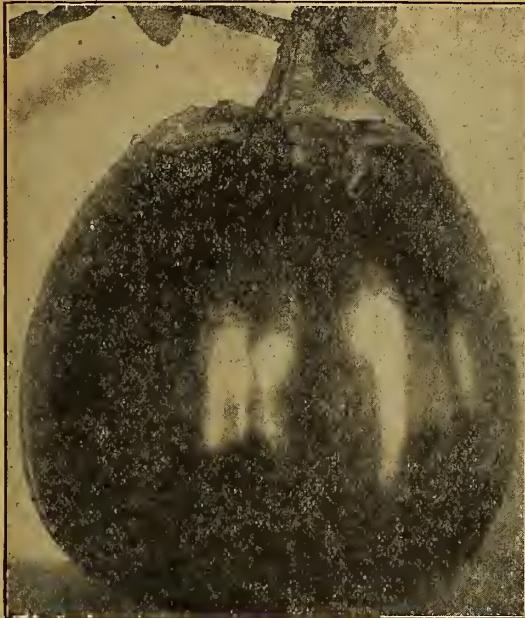
## COW PEAS

**COW PEAS**—The great soil improvers. Make poor land rich. Make good land more productive. Also make a splendid and nutritious green forage or hay crop, enriching the soil even when the crop is cut off. Market price.

EARLY EVERGREEN.

In the South Cow Peas make one of the largest and most nutritious forage crops grown. There is no surer or cheaper means of improving and increasing the productiveness of the soil than by sowing Cow Peas. In a modified way this is also true in the North where they will do well on land where clover will not grow and it is surprising the benefit one will get from turning down a crop of Cow Peas. Ask for prices.

## EGG PLANT



IMPROVED LARGE PURPLE.

**CULTURE**—Sow in March or April in a hotbed, transplant when 2 inches high into a second hot-bed, or let them remain and thin out to 4 inches apart. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. When the weather becomes settled, transplant into the open ground,  $\frac{1}{2}$  feet apart each way. One ounce to 1,500 plants.

**IMPROVED LARGE PURPLE (Spineless)**—This variety is a general favorite both for market and home garden. Usually produces 4 to 6 large oval fruits of a splendid dark purple color. Early, productive and of excellent quality. The vigor and productiveness of the plant and the large size and fine quality of its fruit make it most profitable for market gardeners. Prepaid, pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.25.

## ENDIVE

**ENDIVE** may be grown at any season of the year, but is more generally used late in the fall. Sow the seed in June or July in drills 14 to 20 inches apart and when well started thin the plants to 1 foot apart. When nearly full grown tie the outer leaves together over the center in order to blanch the heart of the plant.

**GREEN CURLED**—Very hardy, with dark green curled leaves; tender and crisp. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**MOSS CURLED**—Handsomely curled; fine quality; a desirable sort. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**BROAD LEAVED BATAVIAN**—Large heads of broad, thick leaves; if bleached, the inner leaves make a fine salad. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

## GARLIC

**Knoblauch.**

The garlic is the most pungent of all the onion family. It is much used in the South of Europe. The root, or bulb, is composed of many small bulbs called "cloves," which are planted in the spring 6 to 8 inches apart, and in August the bulbs are ready to gather. Write for prices on large lots. Lb., 25c.

## KALE

OR

## BORECOLE

**CULTURE**—Cultivate the same as cabbage. For summer and fall use, sow in April and transplant in June; for early spring greens, sow in September. Two pounds per acre, in drills, 3 pounds, broadcast.

**DWARF GREEN CURLED GERMAN**—Very hardy, the main sort planted by gardeners. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**TALL GREEN SCOTCH**—Finely curled; even more tender after being touched by frost. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.



## KOHL RABI

**KOHL RABI**—The edible part is the turnip shaped bulb formed above ground. Seed should be sown in light, rich soil, as early in spring as possible in rows 1 foot apart, and when well established thin to 6 inches apart in the row.

**EARLY WHITE VIENNA**—(Extra for forcing)—Extremely early with distinctly small tops. Bulbs of medium size, very light green or nearly white, and of the best quality if used when not more than 2 inches in diameter. Prepaid, pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**LEEK**—One Ounce Will Sow 100 Feet of Drill—Leek is more delicate than the onion for soup, etc. Sow in seedbed middle of spring; when the plants are 3 or 4 inches high transplant them into rows wide enough apart to admit the hoe between them. With good cultivation they may be grown 5 or 6 inches in circumference.

**AMERICAN BROAD LEAF**—This variety is more largely used in this country than any other plant strong, with broad leaves. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**GIANT CARENTAN**—Grows to immense size broad leaves; one Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

## LEEK



LEEK GIANT CARENTAN.

## LETTUCE

**CULTURE**—For general crop, sow as early in the spring as the ground can be worked in drills 18 inches apart, and thin the young plants to 4 inches apart in the row. As the plants begin to crowd, thin them out and use as required. Keep the soil constantly loose by frequent hoeing. Lettuce to be at its best should be grown as rapidly as possible, hence the soil should be made as rich as possible by liberal manuring and thorough preparation. For winter, sow under glass from November to February and thin out as necessary to prevent crowding. Keep a moderate heat and give all the light and air possible.

### Curled or Loose Leaved Varieties

**GRAND RAPIDS**—The most popular variety for greenhouse planting. It will make a quick growth even under adverse conditions. It is of handsome appearance, a strong grower and not subject to rot. When exposed for sale it keeps from wilting longer than other varieties. Its upright habit of growth permits close planting. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**EARLY CURLLED SIMPSON**—Leaves light green slightly frilled, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when plants are young. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**BLACK SEEDED SIMPSON**—A standard variety for forcing and early outdoor culture. It forms large, loose clusters of leaves of light yellowish green color; the leaves are large, thin, very tender, slightly ruffled and blistered; the inner ones nicely blanched, and even the large outside leaves are tender and of good quality. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**COS LETTUCE**—The Cos Lettuce is distinct from preceding sorts, having long, narrow, spoon shaped leaves, which usually fold into loose sugar-loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. On account of their exceeding crispness, tenderness and delicate flavor, they are becoming more and more popular in this country. Leaves yellowish white in color, narrow, upright, folding into a solid head like that of an Early York Cabbage: crisp and tender; self-blanching. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

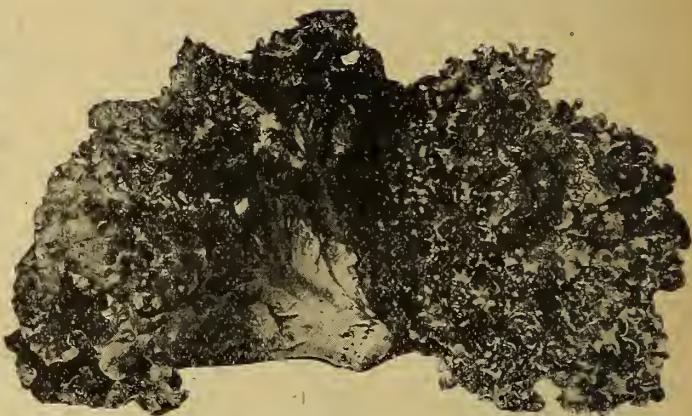
### Heading Varieties

**MAY KING**—The plants of this new lettuce are all quick growth. It is an extra fine heading lettuce and very early. Can be sown for spring and fall in the open ground. Can also be grown in cold frames during the winter months. Practically all of the plants head, and are extremely handsome in appearance, and grow to a diameter of 6 or 7 inches. Has broad green outer leaves, folding closely about the round solid head. In cool weather the edges of the outer leaves are slightly tinged with brown, the inner leaves blanch to a rich, golden yellow. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**DENVER MARKET**—An early variety of head lettuce, either for forcing or open ground; forms large heads of a desirable light color. The leaves are beautifully marked and blistered like Savoy cabbage and are very crisp and tender. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**KANSAS CITY, or Golden Forcing**—A very popular variety, originated on our market in Kansas City. Used largely by our market gardeners, either for open ground or forcing; light in color; sometimes called Golden Forcing, and resembles the Denver Market, but not quite as near a head variety. This is used largely for forcing. Prepaid, oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**HANSON**—One of the most desirable later summer lettuces. The plant is compact and forms a large, cabbage-like head which remains in condition longer than most heading sorts. Outer leaves bright yellowish-green, broad, somewhat crumpled and frilled at edge and with distinctive midrib. Inner leaves white, very crisp and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



GRAND RAPIDS LETTUCE.

**BIG BOSTON**—Popular for outdoor culture; also much in demand as a compact, large heading, forcing sort. Plants large, very hardy and vigorous. Leaves broad, comparatively smooth, but wavy at edge, thin, very hard and crisp; color bright light green, the head slightly tinged with reddish brown. Grown extensively in the South for shipment North in the winter. It usually heads up under cold weather conditions better than any other variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**MAMMOTH SALAMANDER**—Large, compact heads; color light green, shading to white at the center; leaves thick, smooth, tender and of fine quality. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

### Standard Varieties

|                    | Prepaid, Pkt. | oz. | $\frac{1}{4}$ lb. | 1 lb. |
|--------------------|---------------|-----|-------------------|-------|
| Boston Market—Head | .05           | .10 | .25               | .75   |
| Prize Head—Head    | .05           | .10 | .25               | .75   |
| Big Boston—Head    | .05           | .10 | .30               | 1.00  |



MAY KING.

TRY APHIS PUNK to exterminate green and black flies in your greenhouses. Box, 24 sheets, 60c.

## MUSK MELON

**CULTURE** — Melons thrive best in light, dry, sandy soil; plant in hills 6 feet apart each way, 12 seeds in each hill; remove 2 to 3 inches of soil where the hill is desired and fill in with well-rotted manure, then replace the soil, 4 inches high, raking the hill rather flat. When the plants have made the second pair of leaves, thin out to 4 in hill. If the plants grow very rank pinch off the ends when about 3 feet long.

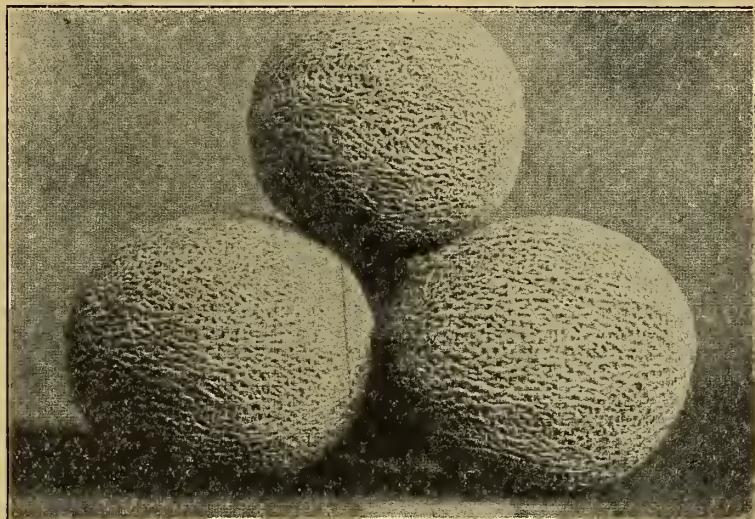
**BURRELL'S GEM**—6 to 7 inches in length and 4 to 4½ in diameter. Well ribbed and covered with a fine grayish netting. Skin a rich dark green with deep orange salmon colored flesh of the finest flavor, sweet and tender. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.50.

**EXTRA EARLY HACKENSACK**—A variety possessing all the good qualities of the well-known Hackensack, but at least 10 days or two weeks earlier. The melons weigh from 4 to 10 pounds each: are of nutmeg shape, heavily netted and have a light green flesh. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

**ROCKY FORD**—Oblong, somewhat similar to the Netted Gem. Grow very uniform in shape and size, weighing from 1½ to 2 pounds; skin green and thickly netted; flesh of a light green color, and very sweet. The most popular shipping variety grown. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50.

**CHICAGO MARKET**—This deservedly popular variety which was first sent out by a Chicago firm, has been steadily growing in favor and holds its own against all melons in the market. Nearly round, flattened at the ends and deeply and regularly ribbed; skin green, densely netted; flesh light green. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

**PAUL ROSE, or Petoskey**—Flesh firm; a rich orange red color, like that of the Osage, but sweeter and more highly flavored. One of the best sorts for home garden. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.



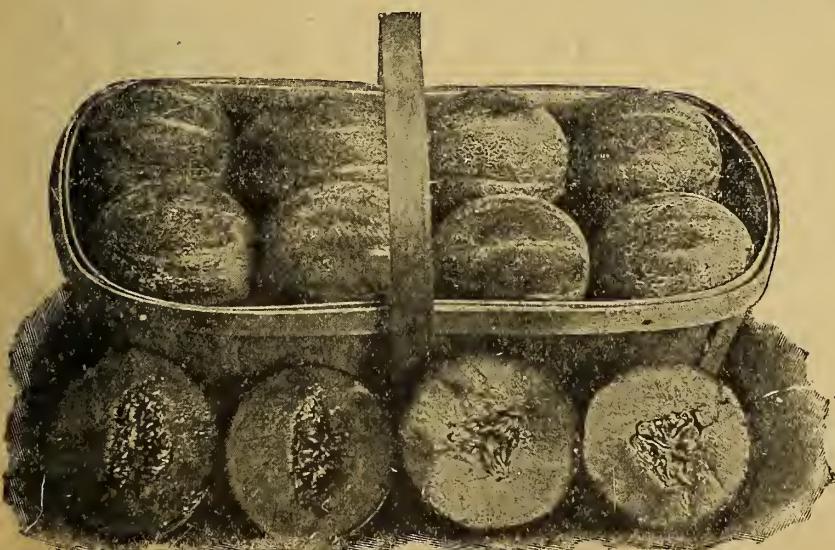
### ROCKY FORD.

**BALTIMORE, OR ACME**—The fruits are medium sized, oval or long oval, slightly pointed at stem end, slightly ribbed, and are covered when ripe with coarse netting. The flesh is thick, green, well flavored and sweet. This variety is a very productive, sure cropper of good quality. One of the most desirable green fleshed melons of medium size. Pkt., 5c; oz., 15c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.50.

**OSAGE, OR MILLER'S CREAM**—A medium to large sized, salmon fleshed melon of excellent quality. The vines are vigorous and productive. The fruits are oval, dark green in color, slightly ribbed and partly covered with shallow gray netting. The flesh is salmon colored, fine grained and highly flavored. A favorite variety for the later markets, as there is always a considerable demand for it from the restaurants and hotels, where its excellent qualities are highly appreciated. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**BANANA**—Attains a length of from 18 to 40 inches; from 2 to 4 inches thick. Flesh very thick, of salmon color. It looks almost like an overgrown banana, and smells like one, hence its name. Has a peculiar flavor, differing from ordinary musk melons, and by some is considered superior. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**JENNY LIND**—Vine rather small but vigorous and productive. Fruit small, somewhat flattened, deeply ribbed and well netted. Flesh green and exceedingly sweet. This variety ripens early and on account of its size is particularly good for hotel use. We know of no green fleshed melon maturing equally as early that is of more excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00.



PAUL ROSE.

## WATER MELLON

To grow good Water Melons it is essential to have good, rich soil, an abundance of well-rotted manure, hen manure, guano, or other forms rich in nitrogen being most desirable. Put a good covering of fresh soil over the manure. Plant in hills about 6 feet apart; plant from 8 to 10 seeds in a hill.



GYPSY, OR GEORGIA RATTLESNAKE.

**GYPSY, OR GEORGIA RATTLESNAKE**—Standard Southern variety of large size, possessing very remarkable shipping qualities; oblong, square at the ends; scarlet flesh. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.00.

## CITRON FOR PRESERVES.

This melon is used exclusively for making preserves. The flesh is thick and clear white, and makes preserves of excellent quality. Cultivation similar to watermelons. There are two varieties, one with red seed and the other with green. The green-seeded variety is called Colorado Preserving. We offer either kind at following prices, by mail, postpaid; Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**HARRIS' EARLIEST**—A splendid, large, extra early melon of exceptionally fine quality.

Fruit uniform in shape, slightly oval with irregularly mottled broad stripes of light and dark green. Flesh bright red, sweet and tender. Seed black. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**KOLB'S GEM**—Attains a weight of from 20 to 50 pounds; flesh bright red, solid, sweet and luscious; fruit round or slightly oval, marked with irregular mottled stripes of dark and very light green. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.00.

**SWEET HEART**—Fruit large, oval, uniformly mottled, light and dark green; rind thin, but firm; flesh red, solid, melting and sweet. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.00.

**ALABAMA SWEET**—One of the earliest melons for market purposes; long, dark in color; meat rich crimson, delicious flavor. It is used largely in the South. The seeds are light. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 5 lbs., \$2.00.

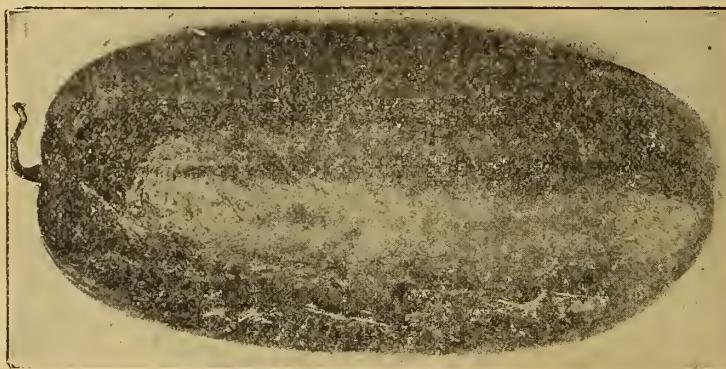
**MCIVER'S WONDERFUL SUGAR**—The sweetest melon grown; attains a great weight; has handsome appearance! Never cracks or loses

its fine flavor in the wettest season. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.00.

**HALBERT HONEY**—Dark, rich colored skin, regular in shape, crimson meat, small white seed—a very fine melon for home use; fully equals Kleckley's Sweet. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; 5 lbs., \$3.00.

**COLE'S EARLY**—This is an extra early melon of oval form, small in size, handsomely striped with light and dark green, of good quality. Desirable for home use. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.00.

**TOM WATSON**—An extra long melon of attractive appearance. Average melon weighs from 35 to 40 pounds. The crimson fruit is sweet as honey. Very prolific. Produces the large, luscious fruit in great abundance. The rind is very thin, but exceedingly tough and on this account is a very good shipper. The skin is dark mottled green. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 60c; 5 lbs., \$2.50.



FLORIDA FAVORITE.

can't afford to be without this. 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 5 lbs., \$2.50.

**Standard Sorts** Prepaid, Pkt. oz.  $\frac{1}{4}$  lb. 1 lb. 5 lbs.  
Phinney's Early ..... \$0.05 \$0.10 \$0.20 \$0.50 \$2.00  
Mountain Sweet ..... .05 .10 .20 .50 2.00  
Cuban Queen ..... .05 .10 .20 .50 2.00  
Peerless or Ice Cream.... .05 .10 .20 .50 2.00



KLECKLEY'S SWEETS, OR MONTE CRISTO.

## PURE CULTURE MUSHROOM SPAWN



**CULTURE**—Any dark room or pit where the temperature can be kept from 50 to 60 degrees will do for the culture of mushrooms. In preparation for a mushroom bed, procure soil from an old pasture, and fresh horse manure, free from straw or litter, and mix thoroughly in proportion of three parts horse manure to one of loam; previous to mixing, the manure should be turned a number of times to get rid of the heat; make out of this compost a bed 8 to 10 inches deep, pressed solidly; let the temperature recede until it reaches about 90 degrees, then plant pieces of spawn the size of a walnut in holes 2 to 3 inches deep, and 6 inches apart each way; cover the holes, pressing the dirt solid. At the expiration of ten days, cover the whole with 2 inches of fresh loam and over this spread 3 or 4 inches of straw, hay or litter; in about eight weeks the mushrooms make their appearance. If the surface becomes dry, wet with warm water. One brick of spawn will plant 8 or 9 square feet.

**PURE CULTURE SPAWN**—1 brick, 25c; prepaid, 40c. A brick weighs about 1½ lbs. By Express or Freight at purchaser's expense: 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$4.00; 50 lbs., 15c; 100 lbs., \$12.00.

**ROBINSON'S MUSHROOM CULTURE**—A book bound in cloth, giving directions how to prepare mushroom beds and raise mushrooms. Postpaid, 60c.

## MUSTARD

**SOUTHERN GIANT CURLED**—Highly esteemed in the South, where the seed is sown in the fall and used in the spring as salad. Our stock is the true curled leaf, with dark green leaves, edges of which are finely curled. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

**BROWN OR BLACK**—The common small seeded variety; more pungent than the White. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 35c.

**WHITE**—Best for culinary purposes and for salads. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 35c.

**OSTRICH PLUME**—The leaves are long, ruffled and curled as gracefully as an ostrich plume. Is especially good as a salad and as greens, equal to spinach. The leaves are very ornamental. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

## OKRA OR GUMBO

**CULTURE**—After danger of frost is past, the ground being warm and in good condition, plant in rows about 2 feet apart, covering about an inch deep with fine soil, firmly packed down. When about 2 inches high, thin to about 1 foot apart in the row. The young seed pods are used in soups, stews, etc. It is very highly prized in the South.

**PERKINS' MAMMOTH LONG POD**—A new okra, esteemed by canners and market gardeners. It is a great improvement on the old green podded sorts. Large, handsome green pods; fine quality; very productive; 4 to 5 feet tall. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

**WHITE VELVET**—The pods of this variety are not ridged or square edged, but are round and smooth, and much larger than the other sort. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

**DWARF GREEN**—Plants of dwarf, stocky growth, wonderfully prolific and mature pods ready for use ten days to two weeks earlier than the tall varieties; pods 3 to 4 inches in length, and heavily ridged. Prepaid, pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

### NASTURTIUM

**TALL MIXED GARDEN**—Sometimes called Indian Cress. Grown not only for ornament but the beautiful orange colored flowers and foliage are used for garnishing and the young leaves or shoots are excellent for salads. The green seed pods are greatly esteemed by many for use in mixed pickles. The vines can be supported in so desired by stakes, strings or brush. Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., 85c.



**WHITE VELVET OKRA**, in mixed pickles. The vines can be supported in so desired by stakes, strings or brush. Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., 85c.

## ONION SETS

Write for special prices on large lots. Prices variable. Top sets, 28 lbs. per bushel; bottom sets, 32 lbs. per bushel.

|                                        | Prepaid | Not Prepaid |
|----------------------------------------|---------|-------------|
| Qt.                                    | Peck    | Bu.         |
| Bottom Sets, Yellow.....               | \$0.30  | \$0.75      |
| Bottom Onion Sets, Red.....            | .30     | .75         |
| Bottom Onion Sets, White.....          | .30     | 1.00        |
| Summer Top Sets.....                   | .35     | 1.00        |
| No charge for sacks. Sacks weighed in. |         |             |

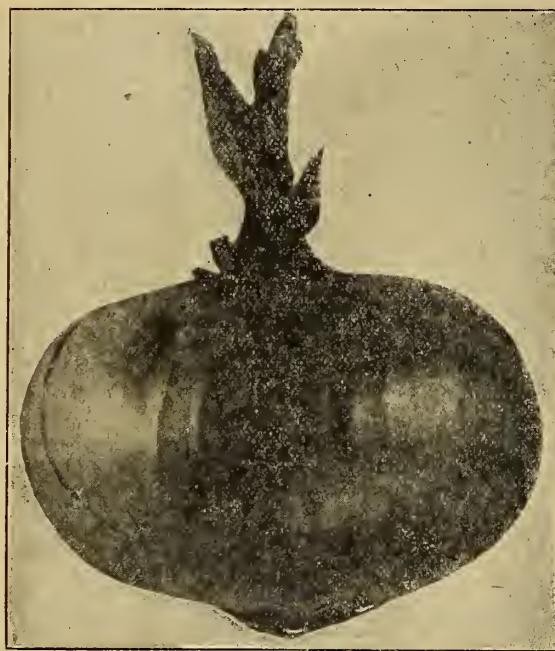
## ONION SEED

**Crop Shortest It Has Been For Many Years.**

**SOUTHPORT WHITE GLOBE**—One of the handsomest onions grown and rapidly taking the lead in our market; a large yielder, mild in flavor, clear white skin and in every way to be recommended; one of the best varieties to sow for early bunching. Prepaid, pkt., 5c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50.

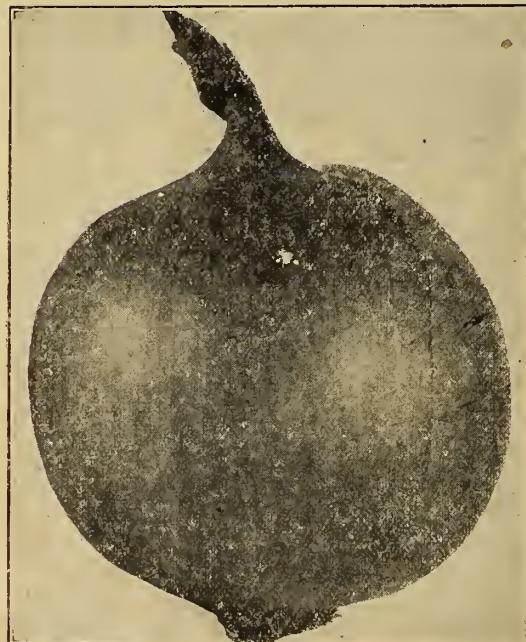
**PRIZE TAKER, OR SPANISH KING**—Like nearly all Spanish onions, this makes extra large size onions and of particularly fine flavor. The outside skin is a rich yellow straw color, and the flesh is pure white; sweet, mild and tender. Ripens up fine and hard, and makes a very handsome and attractive onion. Prepaid, pkt., 5c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50.

## ONION [Continued]



LARGE RED WETHERFIELD.

**LARGE RED WETHERFIELD**—The standard variety so largely used for commercial purposes, good size; an immense yielder; deep red color; fine keeper. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.



YELLOW GLOBE DANVERS.

To grow onions thorough preparation of the ground, careful sowing, the best of cultivation and GOOD SEED are essential.

**THE SOIL**—Soft, dark, sandy loam, not too fine. This is much better if it has been cultivated with hood crops, kept clean from weeds and well manured for two years previous, because if a sufficient quantity of manure to raise an ordinary soil to a proper degree of fertility is applied at once, it is likely to make the onions soft.

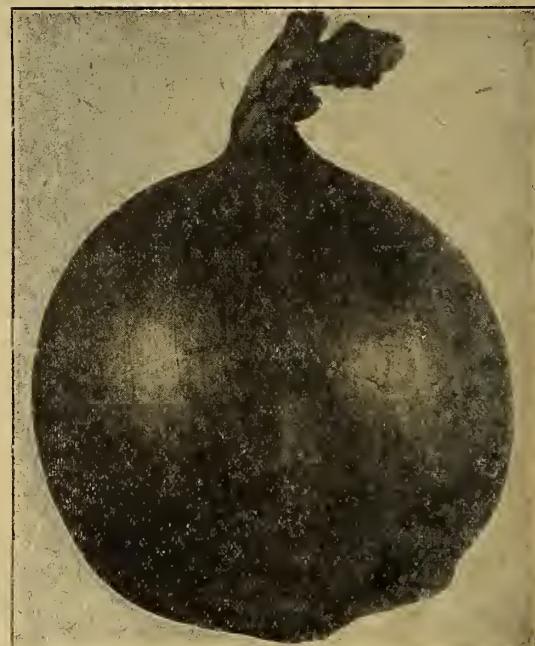
**SOWING THE SEED**—This should be done as soon as the ground can be made ready and can be done best by a hand seed drill. This should be carefully adjusted to sow the desired quantity of seed about one-half inch deep. The quantity depends on the soil and kind of onions desired. Four to five pounds is the quantity used for an acre to grow large onions.

**MAMMOTH SILVER KING**—An Italian variety of special merit; remarkably early, of large size and fine flavor. A popular variety in the South, where it grows to an enormous size; white flesh; shape flat; mild and delicate flavor. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

**FLAT YELLOW DANVERS**—Like the Globe Yellow Danvers, but rather more flattened. One of the best keeping onions grown; flesh white; fine grained, firm and mild; perfect in shape and a large cropper. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**WHITE PORTUGAL OR SILVERSKIN**—An early, flat, white variety; mild flavor; excellent for growing sets; one of the best for pickling. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

**GIANT GIBRALTAR**—This is probably the largest of all onions (not excepting the Prizetaker.) Skin of light straw color; flesh white, tender and mild. These Onions are excellent for home use at any time while in the growing state. It is a good shipper. Where a large yield is the main desire, plant the Giant Gibraltar. It will yield fifty per cent more per acre than any other variety except the Prizetaker. Price, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

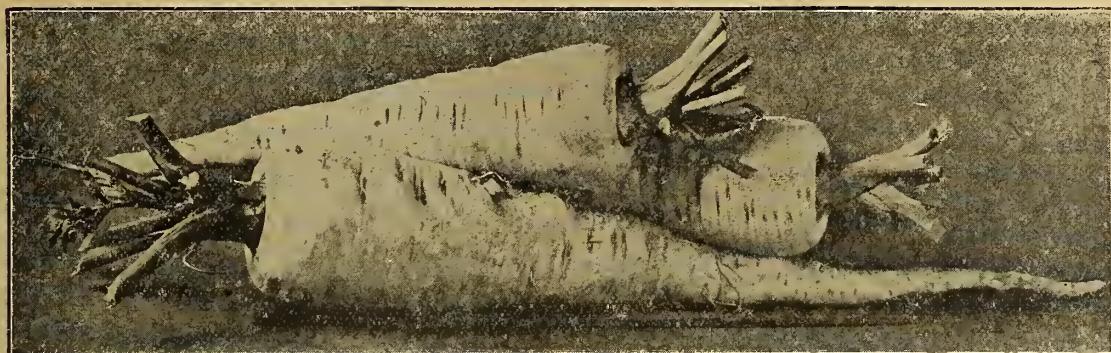


SOUTHPORT RED GLOBE.

**SOUTHPORT RED GLOBE**—Similar to the White Globe except in color; they are perfectly globe-shaped, more so than the Globe Danvers; of handsome appearance and heavy croppers; excellent keepers; a very desirable sort. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

PRICES ON LARGE QUANTITIES WILL BE QUOTED ON APPLICATION.

## PARSNIP



## HOLLOW CROWN.

**CULTURE**—The parsnip thrives best in a deep, mellow soil. Sow the seed early in the spring in rows 15 inches apart, covering the seed half an inch deep; thin out the plants when well up to 5 inches apart in the rows.

**HOLLOW CROWN, OR GUERNSEY**—Smooth, large roots, sweet and of most excellent flavor. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

## PARSLEY

**CULTURE**—The seed is very slow to germinate and should be sown early in the spring, previously soaking the seed for a few hours in warm water. Sow in drills 1 foot apart, and when the plants are well up thin to 1 foot in the row. When the plants are about 3 inches high cut off all the leaves; the plant will be brighter and better curled; every cutting will result in improvement. One ounce to 150 feet of drill.

**CHAMPION MOSS CURLED**—This is a vigorous, compact growing variety, excellent for garnishing and flavoring, and a handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss. Owing to its uniformly fine deep green color and very attractive foliage, this is one of the most popular sorts for both the market and home garden. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**PLAIN**—The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring soups and stews and for drying. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**HAMBURG, OR TURNIP ROOTED**—Sometimes called German Parsley; a fleshy rooted variety. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

## PEPPER

**CULTURE**—Sow seed early in hotbed or about middle of spring in open seed bed, the soil being light and warm. When three inches high transplant in rows about  $2\frac{1}{2}$  feet apart and 2 feet apart in the rows. Cultivate and keep free from weeds. Guano or hen manure hoed into the rows when about 6 inches high will certainly increase the growth.

**CHINESE GIANT PEPPER**—One of the very largest and best mango peppers; mammoth size, splendid shape, bright, glossy pods, mild flavor. Very shy seeder. Prepaid, pkt., 10c;  $\frac{1}{4}$  oz., 15c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.50.

**IMPROVED BULL NOSE OR SWEET MOUNTAIN**—A very large sort of inverted bell shape, suitable for filling or for a mixed pickle; flesh thick, hard and less pungent than most other sort. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

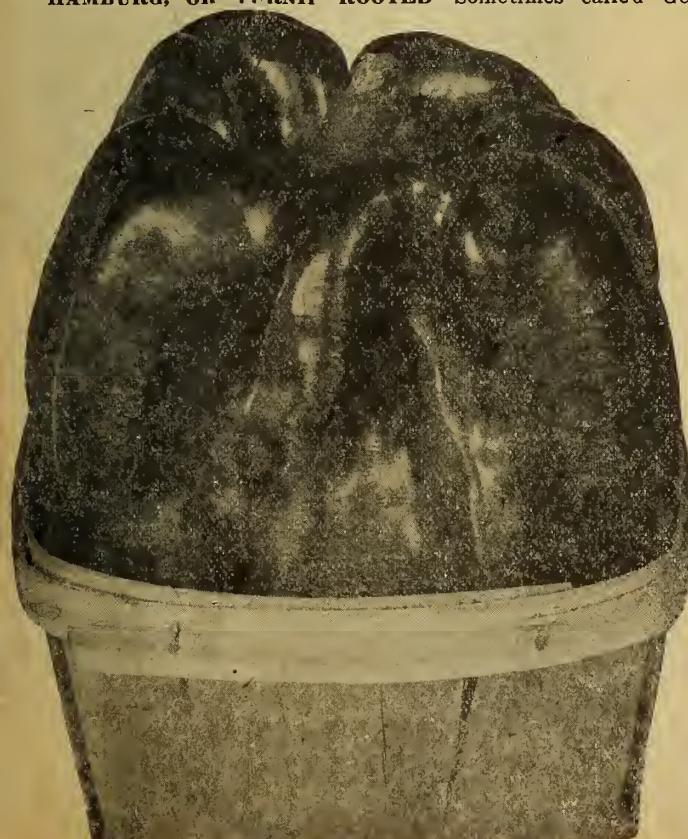
**LONG RED CAYENNE**—Pods small, cone shaped, scarlet red, and when ripe used for pickles and pepper sauce. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**RUBY KING**—The peppers are of a bright ruby red color, from  $4\frac{1}{2}$  to 6 inches long, by  $3\frac{1}{2}$  to 4 inches in diameter. Flavor mild, and can be sliced and eaten with pepper and vinegar like tomatoes. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**CELESTIAL**—A beautiful and attractive plant; the peppers, up to the time when they are fully grown, are of a delicate creamy yellow color, and when fully grown change to an intense vivid scarlet, making the plant, when loaded with fruit, part of one color and part of the other—very attractive. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**LARGE MEXICAN CHILI**—The popular variety, which is being used for making chili. Just as easy as any ordinary pepper to grow, and very prolific. Pkt., 5c; 1 oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

**TOBASCO**—The plants develop into large bushes bearing profusely the little bright peppers in sprays. A mature pepper measures about one inch in length. These peppers are extremely hot and fiery in flavor. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25.



## GARDEN PEAS

If to go by Express or Freight at purchaser's expense deduct 5c from pints and 10c from quart prices.

**CULTURE**—For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Fresh manure and very rich or wet mucky soil should be avoided, as they cause a rank growth of vine at the cost of the quality of the peas. Sow as early as possible a few of some early variety on warm, quick soil, prepared the fall before, planting in double rows 6 to 8 inches apart and 2½ to 4 feet between the double rows. Larger pods and more of them will be produced if the seed be planted in trenches 3 to 6 inches deep and covered with only 1 or 2 inches of soil; when the plants are 5 or 6 inches high fill the trench level with the surface. If the peas be covered to the full depth at first, or if water be allowed to stand in the trenches they will not germinate or grow well. All varieties growing more than 1½ feet do better if staked up or brushed when 4 to 6 inches high. The support is usually given by sharpened branches of trees set between the double rows.

**EARLIEST OF ALL, OR ALASKA**—Vines of medium height, about 2½ to 3 feet, and of distinctive light color. Pods of good size, about 2½ to 2¾ inches long, filled with light green peas of good flavor. Seed small, smooth and bluish green in color. Matures all the crop at once and is an invaluable variety for market gardeners and canners. Prepaid, pkt., 10c; pt., 25c; qt. 40c. Not prepaid, ½ peck, \$1.00; peck, \$1.75.



EARLIEST OF ALL, OR ALASKA.

## Extra Early Varieties

**HARNDEN'S EXTRA EARLY**—The earliest and most even strain of white, extra early peas. Vines vigorous and hardy, of medium height, about 2½ to 3 feet, bearing 3 to 7 straight pods of good size, about 2½ to 2¾ inches long, each containing 6 to 7 medium sized, smooth peas of fair quality. Seed small, smooth, yellowish white. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid, ½ peck, 85c; peck, \$1.50.

**HARNDEN'S ELECTRIC**—The earliest wrinkled pea and largest podded of the dwarf varieties. It is also one of the most vigorous in growth of vine and is unsurpassed in quality. The pods mature very nearly as early as those of Nott's Excelsior but are broader and with the foliage distinctly lighter green. Pods large for so early a variety, 2¾ to 3 inches long. Vines about 14 to 16 inches high. Prepaid, pkt., 10c; pt., 35c; qt., 55c. Not prepaid, ½ peck, \$1.35; peck, \$2.50.

**AMERICAN WONDER**—The earliest of the wrinkled sorts; grows about 9 inches high, and is covered with well filled pods, often containing 7 or 8 tender and sweet peas. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid, ½ peck, \$1.10; peck, \$2.00.

**MCLEAN'S LITTLE GEM**—An early dwarf pea, of superior flavor and very prolific. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid, ½ peck, \$1.10; peck, \$2.00.

**NOTT'S EXCELSIOR**—It resembles the American Wonder, but the vines are larger and more vigorous. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid, ½ peck, \$1.35; peck, \$2.50.

**GRADUS, OR PROSPERITY**—The earliest large podded pea in cultivation; the immense pods are as large as those of the Telephone; uniformly well shaped, nearly round and well filled with large, handsome peas. The vine has heavy stems, with large dark green leaves; grows 3 feet in height. Prepaid, pkt., 10c; pt., 35c; qt., 55c. Not prepaid, ½ peck, \$1.40; peck, \$2.50.

**LAXTONIAN**—This very handsome wrinkled pea is the largest podded of the dwarf varieties on our list. The beautiful dark green pods are similar to gradus in shape and splendid quality, are very nearly as large in size and mature a little earlier. The vines are vigorous and productive, averaging fifteen to eighteen inches high; foliage dark green; pods about 4 inches in length. Seed light green, large, wrinkled, flattened, irregular in shape. Pkt., 10c; pt., 30c; qt., 50c. Not prepaid, 4 qts., \$1.35; ¼ bu., \$2.50.

**ADMIRAL DEWEY**—The very best, long podded, large vine, wrinkled pea yet produced. Pods of the largest size, frequently 6 inches in length, rounded in point, deep green in color and well filled with large peas of the richest flavor; height 3½ feet. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid, ½ peck, \$1.00; peck, \$2.50.

**NEW TELEPHONE**—Seed green, wrinkled; height about 4 feet; foliage luxuriant, peculiar light shade of green; pods unusually large, elegant shape, slightly curved, well filled with peas of large size. A most desirable variety for those who wish a large, showy pea. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid, ½ peck, \$1.00; peck, \$1.75.

**THOMAS LAXTON**—Closely resembles the Gradus in habit and rapidity of growth. It is one of the finest early large podded peas in earliness within a day or two of the earliest of all, containing 7 or 8 very large peas of the richest flavor. Height, 3 to 3½ feet, and one of the finest ever introduced. Prepaid, pkt., 10c; pt., 35c; qt., 55c. Not prepaid, ½ peck, \$1.35; peck, \$2.50.

## PEAS (Continued)

## Later Varieties

**PRIDE OF THE MARKET**—Vines of medium height, stiff, with large, dark green leaves and bearing at the top, generally in pairs; a good crop of large, pointed, dark green pods, well filled with large peas of good flavor. We recommend it as one of the very best of the large podded varieties, especially suitable for market gardeners. Prepaid, pkt., 10c; pt., 35c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.10; peck, \$2.00.

**HORSFORD'S MARKET GARDEN**—The vine is of medium height, hardy and very productive, giving the greatest number of pods of any on our list. Pods contain 5 to 7 medium sized, sweet, dark green peas, which retain well their color and sweetness after canning. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.00; peck, \$1.75.

**CHAMPION OF ENGLAND**—A very productive variety, universally admitted to be one of the richest and best flavored of the late peas. The vines are 4 to 5 feet high. The seed is light green and much shriveled. Prepaid, pkt., 10c; pt., 30c; qt., 50c. Not prepaid,  $\frac{1}{2}$  peck, \$1.00; peck, \$1.75.

**CULTURE**—Pumpkins are not so particular in regard to soil as melons or cucumbers, but are cultivated the same, though on a larger scale. They are raised between hills of corn or in fields by themselves. After danger of frost is over plant the seed in hills 8 to 10 feet apart each way, dropping about a dozen seeds in a hill. Have the soil as rich as possible. One pound for 200 to 300 hills; 4 pounds per acre.

**LARGE WHITE MARROWFAT**—The vines of this variety are about 5 feet high and of strong growth. The pods are large, cylindrical, rough, light colored and well filled; seed large, smooth, round and light yellow. The variety is excellent for summer. Prepaid, pkt., 10c; pt., 25c; qt., 40c. Not prepaid,  $\frac{1}{2}$  peck, 90c; peck, \$1.50.

## Field Peas

**FIELD PEAS** deserve more general attention for fodder than they now receive. In the North for dairy cows and for hogs, they are fully equal to corn, and about six weeks earlier. For cows, the crop should be cut and fed green. For hogs alone it can be used as pasture. Field peas can be sown either alone or with oats as early as the condition of the soil will permit. If the stubble from green winter rye or other crops cut in June be turned under and sown to mixed peas and oats, it will furnish a large amount of forage in August when grass pasture is usually short.

As fertilizer, field peas should be plowed under when in blossom. They will grow on land that will not produce clover. See our Red List for prices.

## PUMPKIN

**KING OF THE MAMMOTH**—This is the genuine strain of the true Mammoth Pumpkin. The largest grown, often attaining a weight of 200 pounds and over. The flesh and skin are of a bright, golden yellow color; of excellent quality and a splendid keeper. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50.

**SWEET POTATO**—Pear shaped, size medium; creamy white in color, sometimes striped with green; flesh fine grained and very sweet. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 5 lbs., \$2.50.

**SMALL SUGAR**—Handsome and prolific; of small size, averaging about 10 inches in diameter. Skin deep orange yellow. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 5 lbs., \$2.50.

**BANNER, OR THANKSGIVING PIE**—A great improvement on the Large Cheese. Color creamy brown; flesh deep salmon yellow, fine grained; seed cavity is very small; rind thin. When cooked it is very yellow and makes pies of a rich color; sweet and of the finest quality. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 5 lbs., \$2.50.

**CONNECTICUT FIELD**—One of the best for field culture; can be grown with corn, largely used for stock feeding. Deep, rich yellow color. Prepaid, oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c; 5 lbs., \$1.75.

**LARGE CHEESE, OR KENTUCKY FIELD**—A popular variety in the South. Fruit flattened; skin mottled light green and yellow; flesh tender; excellent quality. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c; 5 lbs., \$1.75.

**CUSHAW**—A prolific variety; large size, frequently weighing 60 pounds and over; color, white striped and mottled with green. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; 5 lbs., \$3.00.

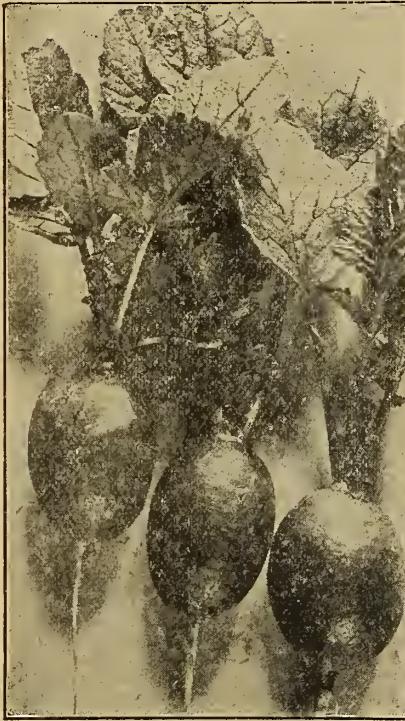
## CONNECTICUT FIELD.

**FERTILIZE YOUR GARDEN**—Increase the Yield and Improve the Quality of Vegetables—Just a comparatively small amount of fertilizer will greatly improve the soil of the garden if the fertilizer contains the proper constituents. Ordinary manure, well rotted, will be beneficial, but will not supply all the necessary elements for best results. Soiling crops plowed under will help a lot, but even these will not entirely meet the requirements. See page 64.

## RADISH

## HARNDEN'S SELECTED RADISH SEED, GROWN BY THE BEST AMERICAN AND EUROPEAN GROWERS.

For outdoor planting sow as early in the spring as the ground can be worked. A rich, sandy loam is the best for radishes; avoid the use of rank manure. A light dressing of nitrate of soda will greatly stimulate the growth and insure tender, brittle roots. Sow in drills about 12 inches apart and thin out to keep from crowding. Successional sowing from 10 to 12 days will keep a supply. For forcing seed in the hotbed or under glass in rich, sandy soil, made perfectly level. Scatter the seed evenly over the soil, and cover with about  $\frac{1}{4}$  inch of sifted earth. Water carefully and keep moist.



EARLY SCARLET GLOBE.

**EARLY SCARLET TURNIP**—A round, red, turnip shaped radish with small tops and of very quick growth, deserving general cultivation on account of its rich, scarlet red color and white, crisp and tender flesh. Very desirable for early outdoor planting, as well as forcing. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**EARLY SCARLET TURNIP, WHITE TIPPED**—One of the handsomest of the turnip radishes and a great favorite in many large markets for early planting outdoors. It is but little later than Early Scarlet Turnip, White Tipped, Forcing and will give entire satisfaction where extreme earliness and small tops are not the chief considerations. Roots nearly round, slightly flattened on the under side. Color very deep scarlet with a distinctly white tip. Our market gardeners plant hundreds of pounds of this variety each year. The color is just right and the size always asked for by the hotels and grocers. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**EARLY SCARLET GLOBE**—The roots of this variety are slightly olive shaped, a rich, bright scarlet in color; flesh white and tender. We especially recommend this to gardeners as a large, first early forcing radish. It is also, very desirable for first early planting outdoors. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 50c; 5 lbs., \$2.25.

**EARLY SCARLET TURNIP, WHITE TIPPED, FORCING**—A beautiful variety, deep scarlet with white tips; popular as a market variety. Does not show as much white as the ordinary Scarlet T. W. Tip. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**PHILADELPHIA WHITE BOX**—Roots round and smooth, very white and handsome; remains solid and juicy long after full grown; desirable for forcing, but a splendid outdoor radish as well. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**CRIMSON GIANT TURNIP**—The best radish for forcing or early planting out of doors; will grow larger and remain solid longer than any other round red forcing radish. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 50c; 5 lbs., \$2.25.

**FRENCH BREAKFAST**—A quick growing, small, olive shaped radish about  $1\frac{1}{2}$  inches long by  $\frac{1}{2}$  to  $\frac{3}{4}$  of an inch in diameter when fully grown. Color, beautiful deep scarlet except a little clear white about the tip. Its small top and earliness make it very desirable for growing under glass as well as for planting outdoors. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**HALF LONG DEEP SCARLET**—The roots of this desirable early variety are of a deep, rich red color and are olive shaped or half long with a somewhat tapering point. Tops comparatively small. Flesh very white, crisp and tender, and does not become pithy as soon as most other early sorts. Roots, when mature, about  $2\frac{1}{2}$  to 3 inches long. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**EARLY LONG SCARLET, SHORT TOP, IMPROVED**—This is a standard, most excellent sort, either for the home garden or the market. Tops short and comparatively small. Roots smooth, slender, uniform in shape and a very attractive bright red in color. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**CINCINNATI MARKET**—A fine extra early variety, with a long, smooth root and very small top. Can be grown closer than most sorts without running to seed. The color is a bright red and transparent: the flesh is tender and delicious, even when full grown. A decided improvement on the early long varieties. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**IMPROVED CHARTIER**—The color at the top is crimson, running into pink about the middle, and from thence down it is pure waxy white: it is of quick growth, and does not become stringy. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**WOOD'S EARLY FRAME**—This variety is similar in shape to the Long Scarlet, but shorter and fully ten days earlier; much used for forcing. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**LONG WHITE VIENNA OR LADY FINGER**—This is one of the finest long radishes, beautiful in shape, skin and flesh pure white. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.

**ICICLE**—The earliest and finest long white radish. The young radishes are ready for use even earlier than the long scarlet, and continue to grow for a long time, fully retaining their tenderness and mild flavor until quite large. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 60c; 5 lbs., \$2.50.

**WHITE STRASBURG**—A leading sort on our market; half long in shape; both skin and flesh pure white, firm and brittle; grows to a large size and withstands severe heat. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.25.



EARLY SCARLET TURNIP, WHITE TIPPED.

## RADISH (Continued)

### Winter Varieties

Seed for winter radishes should be sown about the 1st of August in rich, warm, sandy loam, in rows about 20 inches apart, covering with half an inch of fine soil firmly pressed down. For winter use, the roots should be pulled and packed in damp sand and stored in a cool cellar.

**CELESTIAL**—Sold also as Chinese White Winter. Roots long with beautiful white skin and flesh, usually the least pungent of the winter varieties. Flesh compact and crisp. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 75c; 5 lbs., \$3.00.

**ROSE CHINA WINTER**—One of the best fall radishes; a favorite with market gardeners. Bright rose color, flesh white, firm and of superior quality. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 75c; 5 lbs., \$3.00.

**ROUND BLACK SPANISH**—Skin black, flesh white; roots round; very compact and pungent, but well flavored. Keeps well through the winter. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 75c; 5 lbs., \$3.00.

**LONG BLACK SPANISH**—One of the latest and hardest long radishes, especially adapted for winter use. Roots rather long, thick, almost black, with white flesh. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 75c; 5 lbs., \$3.00.

**CALIFORNIA MAMMOTH WHITE CHINA**—Roots white and when fully mature 9 to 12 inches long by 3 to 4 inches in diameter. Flesh firm, crisp; decidedly pungent, but well flavored. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 75c; 5 lbs., \$3.00.

**LARGE WHITE SPANISH**—Root long, tapering. Skin white; flesh white, compact, crisp and decidedly pungent. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 75c; 5 lbs., \$3.00.

## RHUBARB or PIE PLANT

Sow in drills 1 foot apart, 1 inch deep. When a few inches high thin a foot apart. In the fall prepare the ground for the final bed by deep trenching. Mix manure with the soil; the richer the soil and the deeper it is worked the better. Set the plants 3 feet apart each way. The stalks should not be cut the first spring.

**LINNAEUS**—The earliest for market purposes. Pkt., 5c; oz., 10c; 1/4 lb., 35c; 1 lb., \$1.00, prepaid.

**VICTORIA**—Large and tender. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 35c; 1 lb., \$1.00.

### RHUBARB ROOTS.

If wanted by mail, add 10c each to cover postage.

Each, 10c; per doz., 50c; per 100, \$3.50. By express, purchaser's expense.

## SPINACH

**CULTURE**—Spinach is an important market gardener's crop, of easy culture. For spring and summer use, sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in the spring to give greens during the heat of summer. Light applications of nitrate of soda have often a magic effect on spinach.

**BLOOMSDALE, OR SAVOY LEAVED**—Leaves large, curled and wrinkled like Savoy cabbage; very hardy. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 15c; 1 lb., 45c; 5 lbs., \$2.00. Not prepaid, 5 lbs., \$1.75.

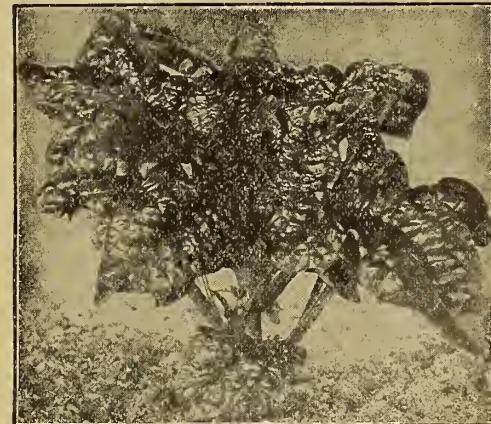
**LONG STANDING**—Standard with gardeners; leaves thick, fleshy and crumpled; round, large and of a dark green color; slow to run to seed. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 15c; 1 lb., 35c. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.75.



ROUND THICK LEAF.

**PRICKLY WINTER**—Matures a little earlier than the round leaf sorts; very hardy, good for winter planting. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 15c; 1 lb., 45c. Not prepaid, 5 lbs., \$2.00.

**ROUND THICK LEAF**—Good for either fall or spring sowing; very hardy; leaves large, round, thick. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 15c; 1 lb., 45c; 5 lbs., \$2.00. Not prepaid, 5 lbs., \$1.75.



BLOOMSDALE, OR SAVOY LEAVED.

**NEW ZEALAND**—Unlike other spinach it thrives during hot weather or in any soil. The tender shoots are of good quality and may be cut through the summer. Plant 3 or 4 seeds in hills 2 feet apart each way. Prepaid, pkt., 5c; oz., 10c; 1/4 lb., 30c; 1 lb., 90c. Not prepaid, 5 lbs., \$4.00.

## SQUASH

Do not plant until the weather is warm and settled. The plants are very tender and sensitive to cold. Use the same culture as for cucumbers and melons, but squash is less particular as to soil. Three plants are sufficient for one hill. For early squashes seed can be planted in boxes and transplanted.



WARTY HUBBARD.

**GOLDEN HUBBARD**—A perfect type of the Green Hubbard, except in color, which is a bright, deep orange yellow; very showy and attractive. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**BOSTON MARROW**—A fall and winter variety of medium large size, oval shape, bright orange color, with a shading of light cream color. Flesh rich yellow, fine grained, rich, delicious flavor. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**BUSH FORDHOOK SQUASH**—In this new true bush type the plants can be grown much more closely together. The fruits are rather shorter and thicker than those of the running type. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**DELICIOUS**—Delicious Squash is particularly excellent in table quality and is by some preferred even to the Hubbard. It is a very early winter variety of medium size; shell moderately hard but very thin; flesh thick, fine grained and bright yellow in color. Even when immature, this squash is in condition for use and is of very fine flavor.

Prices, by mail, postpaid: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**PIKE'S PEAK**—Large, oval fruits, tapering at the blossom end. Skin dark olive green; light golden flesh of excellent quality. Vines vigorous and very productive. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

## SALSIFY OR VEGETABLE OYSTER

One of the most desirable winter vegetables. The roots when cooked are very palatable and are served in a variety of different ways.

**CULTURE**—It succeeds best in a light, well enriched soil; coarse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill shaped. Sow the seed as early as possible, and quite

deep in drills about 18 inches apart, and thin the plants to 3 inches in the row.

**MAMMOTH SANDWICH ISLAND**—This variety grows to an extra large size, averaging fully double the size and weight of roots of the old French variety. Prepaid, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

## Summer Varieties

**BANANA**—The squashes grow from one to two feet in length. The skin varies from a bright yellow to a dark olive green.

Flesh firm and solid, of beautiful orange-yellow and excellent quality. It is the sweetest of all squashes. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., \$1.00.

**MAMMOTH WHITE BUSH SCALLOP**—An early flat, scalloped variety, pure white; favorite early sort. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**GIANT SUMMER CROOK NECK**—Early, rough, warty surface, orange yellow; good quality. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**VEGETABLE MARROW**—A large, oblong variety, producing fruit which is dark green at first, becoming marble and striped with yellow and lighter green as they mature. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

**EARLY YELLOW BUSH SCALLOP**—A very early, somewhat flattened, scalloped bush squash of largest size. Skin deep orange; flesh pale yellow and of very good flavor. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**DELICATA**—The earliest and most prolific of the vine squashes, and although of small size, the flesh is wonderfully solid, with a small seed cavity. It cooks dry and is rich flavored. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

## Winter Varieties

**CHICAGO WARTY HUBBARD**—The principal late squash for commercial purposes. An improvement on the old Hubbard. Skin heavily warted. The best late squash to plant for general crop. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.



PIKES PEAK (OR) SIBLEY SQUASH

## TOMATOES

## HARNDEN'S SELECTED TOMATO SEED.

**CULTURE**—Tomatoes do best on not over rich soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Even a slight check while the plants are small will materially diminish their productiveness. Sow the seed in hotbeds or seed boxes, and when the plants have 4 leaves, transplant into shallow boxes or cold frames.

**HARNDEN'S GIANT CLIMBING**—We have here the ideal tomato for the city farmer or back yard garden. A large tomato of rich red color, some of which weigh as high as  $1\frac{1}{2}$  pounds; solid, meaty and an excellent canner. Any ordinary poultry wire will do for a trellis and the vines should be tied every foot or so with raffia to help support, as they will get pretty heavy. The lower branches could be pruned up about 18 inches from the ground. Prepaid, pkt., 10c; oz., 50c.

**CHALK'S EARLY JEWEL**—Within a week or ten days as early as the famous Sparks' Earliana, it is even a heavier cropper, with tomatoes of larger size and sweeter flavor, while its more robust growth makes it a surer cropper. Of compact growth. Large, handsome fruits, very solid, deep through. Color brightest scarlet, ripening right up to the stem without any cracks or green core. The foliage is rather open, admitting the sunlight to the center of each plant, so that all the fruits are thoroughly ripened. Flesh thick, bright scarlet, solid, with comparatively few seeds and of sweet flavor; skin thin, but strong enough to make it a good shipper. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**LIVINGSTON'S DWARF STONE**—In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape, and is practically the same size; double the size of Dwarf Champion, yet equally as early; more productive. Prepaid, pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**MATCHLESS**—A large, bright red tomato; fruit large, smooth and symmetrical; flesh bright red color. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**NEW STONE**—Large, smooth tomato; color bright scarlet; ripens evenly on the stem; solid; an excellent shipper; very productive; fine for canning; a general favorite with all who have used it. Prepaid, pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**DWARF CHAMPION**—The best early tomato grown; entirely distinct in habit of growth and foliage; vines are dwarf and compact, grow stiff and upright, with thick, short jointed stems. Prepaid, pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**BEAUTY**—Rich, glossy crimson, with a slight purple tinge; large size, very smooth and solid. Vines make good strong growth and are very productive; fruits begin ripening about mid-season. Prepaid, pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**SPARK'S EARLIANA**—This tomato has become very popular with many growers of tomatoes for early market; it is a very excellent early variety; good size, good color; twice as many plants can be grown on an acre of this variety than any other variety grown. Prepaid, pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**CRIMSON CUSHION, OR BEEFSTEAK**—Fruit large; color bright scarlet; flesh solid and of good quality; cells small and few in number; very productive; fruit finely formed and of handsome appearance. Prepaid, pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**PONDEROSA**—This is one of the largest varieties. Although somewhat irregular in shape it is good, both as a slicing tomato and for stewing. The fruits are of a purplish pink color; very solid and ripen early, continuing to do so until frost. Prepaid, pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00.

**GOLDEN QUEEN**—Fruits large and smooth; color a beautiful golden yellow, sometimes with a slight blush of red, as smooth and well shaped as the best of the red

varieties and of superior flavor. Prepaid, pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**GREATER BALTIMORE**—Just double the yield of many of the best cropping tomatoes you have ever grown. Smooth, well formed and deep from stem to blossom. Its extremely heavy weight is due to its firmness and great meatiness. It ripens evenly to the stem and is entirely free from ridges, cracks and blight. Unrivaled shipper, due to its solidity and firmness. Fruits in large clusters at every second joint. Joints are short and sturdy. Brilliant red color, one of the handsomest tomatoes we have ever seen. Vigorous, compact; healthy vines. One of the grandest Second Early and Main Crop tomatoes on earth. Prepaid, pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

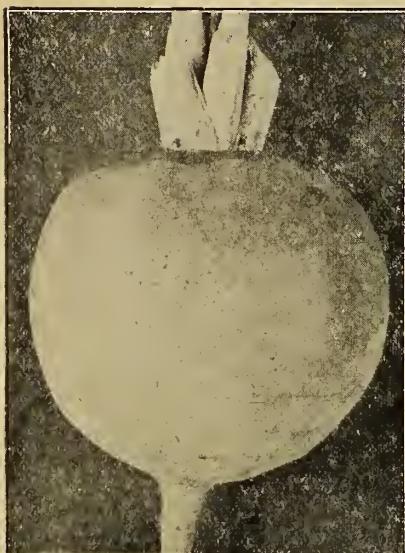


PONDEROSA.

**TRUCKER'S FAVORITE**—The finest large-fruited purple tomato. Most regular in form and size; thick-meated and very solid; this is one of the largest smooth tomatoes grown. Well ripened throughout. The smooth flesh fruits always bring the highest prices on our Kansas City market, where their fine flavor is especially esteemed. The fruits continue of large size to the very last, and are always unexcelled for slicing or cooking. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**ACME**—One of the best, earliest purple-fruited tomatoes in existence. As a shipping sort for growing in Southern states it is unsurpassed. After thirty-five years, it is still the leading standard sort with many extensive growers in the South, particularly in Texas. This remarkable variety, which we consider the smoothest and most uniform, medium-sized, early, purple-fruited sort. Fruits are produced in clusters of four or five, are large and free from cracks. They are remarkably solid and stand long distance shipment to perfection. The quality of the flesh is beyond criticism. Prepaid, pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

|              | Prepaid | Oz.    | $\frac{1}{4}$ lb. |
|--------------|---------|--------|-------------------|
| Red Cherry.  |         | \$0.35 | \$0.75            |
| Yellow Pear. |         | .30    | .75               |
| Yellow Plum. |         | .30    | .75               |



PURPLE TOP, WHITE GLOBE.

**SEVEN-TOP OR FORESTER** (Winter Green)—Used extensively in the South for winter green; does not produce a good bulb; desirable only for its tops; is very hardy and will grow all winter. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

## RUTABAGAS or SWEEDS

**CULTURE**—Sow the seeds about a month earlier than turnips. Rutabagas should be sown on ground enriched with well rotted manure, in drills  $2\frac{1}{2}$  feet apart, and should be thinned to 6 to 8 inches apart in row.

**PURPLE TOP YELLOW**—Leading yellow variety: very productive, solid and of excellent flavor; the roots grow to a large size, and are of the finest quality; unsurpassed for stock feeding. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.50.

## TOBACCO

One Ounce of Good Seed Is Sufficient for An Acre.

**CULTURE**—Sow seed for plants early in spring in frames or seed bed, using soil well enriched with wood ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

**WHITE BURLEY**—This variety is especially valuable to manufacturers, either for cut or plug tobacco. It is sometimes used for wrappers. Prepaid, pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**CONNECTICUT SEED LEAF**—The largest, best and finest variety of this indispensable kind. Prepaid, pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**BIG HAVANA**—A hybrid Havana or Cuban seed leaf; a heavy cropper of fine texture; delightful flavor and the earliest cigar variety to mature. Prepaid, pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.

**MISSOURI BROAD LEAF**—Extensively grown in Kansas and Missouri; the large broad leaves are used for the wrappers. Prepaid, pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.

## TURNIPS

First early varieties of turnips should be planted just as early in the spring as the ground is dry and warm. You may sow them in drills, beds or late broadcast, or among corn. The Winter Rutabaga varieties and also the early sorts will do better if planted in drills; make the drills at least 1x inches apart, and then thin out the plants when well up to from 6 inches apart down to 3 inches, according to the variety.

**PURPLE TOP WHITE GLOBE**—Improved variety of Purple Strap-Leaf, globular shaped; smooth and a favorite sort for market gardeners. It keeps well, and is excellent for early or winter market. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.50.

**POMERANIAN WHITE GLOBE**—Valuable both for stock feeding and for table use; the roots will frequently grow to 12 pounds in weight. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.50.

**AMBER GLOBE**—Yellow flesh, firm, fine grain; very sweet; skin yellow, with green top; keeps well; very popular in the South. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.50.

**EXTRA EARLY RED TOP MILAN**—The earliest strap-leaf variety, maturing a week earlier than any other sort; bulbs white, purplish top; flat and solid. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c.

**EARLY WHITE EGG**—Pure white, egg shaped, rapid grower and fine quality. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.50.

**PURPLE TOP STRAP-LEAF**—The most popular variety grown. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.50.

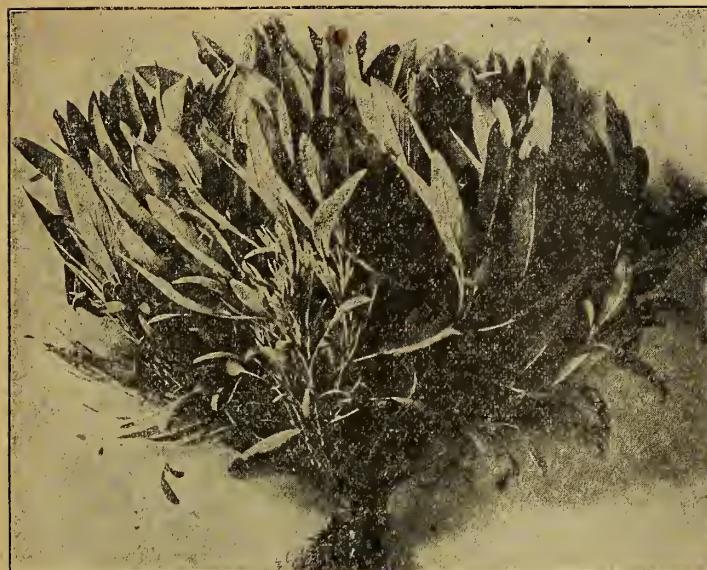
**EARLY WHITE FLAT DUTCH**—A popular, well known early sort; the best variety for spring sowing. Prepaid, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.50.



RUTABAGA—PURPLE TOP YELLOW.

For potato ground nothing is better than Turnips when sowed for fertilizer and turned under about November 1st. Then, if they happen to be a good price as they were this year, a good profit can be made on the crop before plowing under. Use about 5 lbs. per acre.

## AROMATIC, MEDICINAL and POT HERBS



SAGE

**CARAWAY** (*Carum carvi*)—A well known herb, cultivated for its seeds, which are used in confectionery, cakes, etc. Pkt., 5c; oz., 10c.

**CORIANDER** (*Coriandrum sativum*)—A hardy annual cultivated for its seed, which has an agreeable taste and is used in confectionery. Pkt., 5c; oz., 10c.

**DILL** (*Anethum graveolens*)—An annual of aromatic odor and warm, pungent taste. Its seeds are used for seasoning. It possesses medicinal properties, but its largest use is for making Dill pickles. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

**FENNEL, SWEET** (*Foeniculum officinale*)—A hardy perennial. The seeds of this aromatic herb have a pleasant taste, and are sometimes used in confectionery, also in various medicinal preparations. Pkt., 5c; oz., 10c.

**HOREHOUND** (*Marrubium vulgare*)—A perennial herb with an aromatic odor and a bitter, pungent taste. It is a tonic and enters largely into the composition of cough syrups and lozenges. Pkt., 5c; oz., 20c.

**HYSSOP** (*Hyssopus officinalis*)—A hardy perennial with an aromatic odor and a warm, pungent taste. It is a stimulant, expectorant and mild tonic. The flavoring summits and leaves are the parts used. It does best on dry, sandy soil. Plant upright with narrow, glossy dark green leaves. Pkt., 5c; oz., 20c.

**LAVENDER** (*Lavendula spica*)—A hardy perennial, growing about two feet high. It is used for the distillation of lavender water or dried and used to perfume linen. Pkt., 5c; oz., 20c.

**MARJORAM, SWEET** (*Origanum majorana*)—An aromatic herb for seasoning. The young tender tops and leaves are used green in summer to flavor broths, dressings, etc., and are also dried for winter use; hardy annual. Pkt., 5c; oz., 20c.

Sow as early as the ground can be made ready; plant in drills about 15 inches apart, taking care that the soil is pressed firmly over the seed. The soil should be carefully prepared and the plants well cultivated. Most of the varieties thrive best in sandy soil. Cut when in blossom and dry in the shade.

**ANISE** (*Pimpinella anisum*)—An annual herb cultivated principally for its seeds, which have a fragrant, agreeable smell and a pleasant taste; used medicinally for aromatic cordials, colic and nausea. Pkt., 5c; oz., 10c.

**BALM** (*Melissa officinalis*)—A perennial herb, easily propagated by division of the root or from seed. Pkt., 5c; oz., 30c.

**BASIL, SWEET** (*Ocimum basilicum*)—A hardy aromatic annual. The seeds and stems have a strong flavor and are used in soups and sauces. Pkt., 5c; oz., 15c.

**BORAGE** (*Borago officinalis*)—A hardy annual used as a pot herb and for bee pasture. Pkt., 5c; oz., 10c.

**ROSEMARY** (*Rosmarinus officinalis*)—A hardy perennial, with fragrant odor and a warm, bitter taste. The leaves are used for flavoring meats and soups, and for medicinal drinks. Pkt., 5c; oz., 40c.

**RUE** (*Ruta graveolens*)—A hardy perennial with a peculiar, unpleasant smell. The leaves are bitter and so acrid as to blister the skin. It is a stimulant and antispasmodic, but must be used with great caution, as its use sometimes results in serious injury. Pkt., 5c; oz., 25c.

**SAFFRON** (*Carthamus tinctorius*)—A hardy annual. Cultivated for its flowers, which are used principally for coloring, sometimes for flavoring and to make the cosmetic powder called rouge. Pkt., 5c; oz., 20c.

**SAGE** (*Salvia officinalis*)—One of the most extensively used herbs for seasoning. It is also believed to possess medicinal properties. Hardy perennial, about 15 to 18 inches high. Pkt., 5c; oz., 20c.

**SAVORY, SUMMER** (*Satureja hortensis*)—A hardy aromatic annual, 12 to 15 inches high, the dried stems, leaves and flowers of which are extensively used for seasoning. Pkt., 5c; oz., 25c.

**THYME** (*Thymus vulgaris*)—An aromatic perennial herb, 8 to 10 inches high, used principally for seasoning. Pkt., 5c; oz., 40c.

**WORMWOOD** (*Artemisia absinthium*)—A perennial plant of fragrant and spicy odor, but with intensely bitter taste. The leaves are used as a tonic. A dry, poor soil is best adapted to bring out the peculiar virtues of this plant. Pkt., 5c; oz., 25c.

# FLOWER SEEDS

## NEW AND STANDARD VARIETIES

PRICES ON FLOWER SEED ARE PREPAID EITHER TO GO BY MAIL OR EXPRESS.

FLOWERS FROM SEED ARE USUALLY KNOWN AS ANNUALS, BIENNIALS AND PERENNIALS.

ANNUALS bloom and ripen seed the first year and then perish.

BIENNIALS do not generally flower the first season and are in perfection only one year.

PERENNIALS continue to flower for several years in succession. Many of them bloom the first year if sown early.

HARDY ANNUALS, Biennials and Perennials can be sown in the open ground early in the spring if desired, and Biennials and Perennials will not require any protection in winter.

HALF HARDY ANNUALS, Biennials and Perennials should not be sown in open ground until settled warm weather, though they can be sown in the house, if desired, early and afterwards transplanted. The two latter need to be protected in the winter, or carried over until spring in cold frames or greenhouses.

Our flower seeds are put up in packets by ourselves, and our customers will find culture directions on the back of each packet.

### ABUTILON.

(Flowering Maple)—Elegant flowering perennial shrubs of strong growth and easy cultivation; free flowering, with various colored, beautiful, drooping bell-shaped flowers. Pkt., 10c; mixed colors.

### AGERATUM.

(Floss Flower)—One of the very best bedding plants, being literally a sheet of bloom from early summer till frost.

DWARF DARK BLUE—Clear blue, 8 inches. Pkt. 5c;  $\frac{1}{4}$  oz., 25c.

### ALYSSUM—Mad Wort.

Pretty little plants for beds, vases, baskets, edging or rockwork, blooming profusely all summer; useful also for winter flowering. Very sweet scented.

SWEET ALYSSUM (A. Martinum)—Of trailing habit; flowers white. Very sweet scented. Pkt., 5c; oz. 40c.

LITTLE GEM, OR CARPET OF SNOW—Of dwarf, compact habit, but 4 inches high. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn. Pkt., 5c  $\frac{1}{4}$  oz., 25c; oz., 75c.

ALYSSUM SAXATILE COMPACTUM ("Basket of Gold")—Showy golden yellow flowers; hardy perennial; blooms the first season. Pkt., 10c;  $\frac{1}{4}$  oz., 30c; oz., 75c.

### ASPARAGUS.

PLUMOSUS NANUS—This graceful Asparagus is an excellent house plant. Pkt., 25c; 100 seeds, \$1.00.

SPRENGERI (Emerald Feather)—One of the best plants to grow in suspended baskets, window boxes, vases, etc., for the greenhouse in winter and outdoors in the summer. Pkt., 10c; 100 seeds, 50c.

### AMARANTHUS.

Brilliant foliaged annuals, growing from 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants or for the center of large beds.

CAUDATUS (Love Lies Bleeding)—Blood red; drooping. Pkt., 5c.

TRICOLOR (Joseph's Coat)—Leaves red, yellow and green. Pkt., 5c;  $\frac{1}{4}$  oz., 15c.

TRICOLOR SPLENDENS—An improvement on the old sort, of more brilliant coloring. Pkt., 10c.

### AQUILEGIA.

(Columbine)—Deep blue, single. Pkt., 5c; oz., 30c. Single, all colors, mixed. Pkt., 5c; oz., 30c.

### ANTIRRHINUM—Snap Dragon.

For gorgeous coloring few flowers can match Snap-dragons.

#### TALL GIANT FLOWERING.

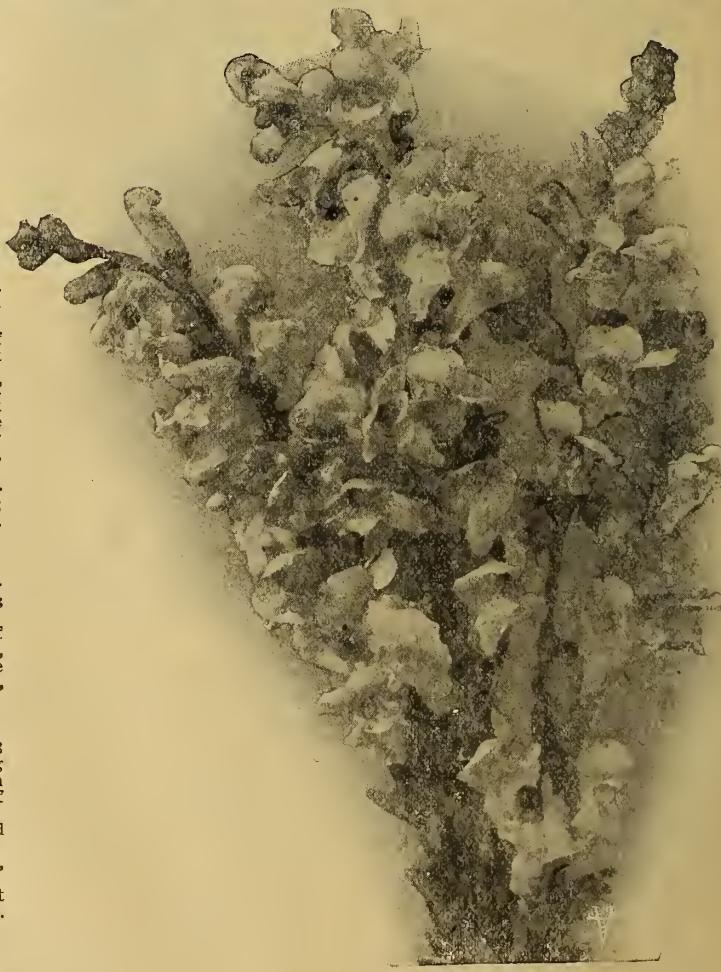
QUEEN VICTORIA—3 ft. Very beautiful, bearing immense flowers, white shaded cream, with lemon-colored lip. Pkt., 10c.

SILVER PINK—Delicate rosy pink, seemingly covered with a silver sheen. Pkt., 15c.

CORAL RED—Dark rose. Pkt., 10c.

BRILLIANT SCARLET. Pkt., 10c.

FIREFLY—Scarlet and white. Pkt., 10c.



ANTIRRHINUM.  
Harden's Special Mixture.

GHOSTIA—Dark crimson, sulphur yellow. Pkt., 10c.  
HARDEN'S SPECIAL MIXTURE of Giant Snap-dragons includes all the above and many others. 1 oz., \$1.25;  $\frac{1}{4}$  oz., 45c;  $\frac{1}{8}$  oz., 25c; pkt., 15c.

### ANTIRRHINUM.

DWARF GIANT FLOWERING—Bright rose. Pkt., 10c.

Brilliant Scarlet, 10c.

Firefly Scarlet and Yellow. Pkt., 10c.

Snow Queen, beautiful white. Pkt., 10c.

Dwarf Mixed,  $\frac{1}{4}$  oz., 20c; pkt., 5c.

## ASTERS

The Aster, in its many varieties, is unsurpassed for bedding and cutting, and is not only one of the most profitable annuals for the professional florist but also one of the most satisfactory for the home garden. The great diversity of size, color, form and season of blooming makes it one of the most suitable plants for supplying cut flowers. The plants are usually of vigorous growth and so hardy that they endure a slight frost without serious injury.

By planting different strains at different times one may have a succession of blooms from July until frost.

Seed may be sown outdoors as early in spring as the ground is warm and dry, or for earlier blooming may be started indoors or in a cold frame and transplanted in the open ground after danger of killing frost is over. If conditions are favorable they will usually do well in any well prepared garden soil, but a strong loam that has been well fertilized the previous year is preferable. In planting cover the seed with about one-fourth inch of fine soil, firmly pressed down. The rows for most of the varieties should be about 1½ feet apart.

**VICTORIA**—The petals are broad and thick and curve outward, overlapping so regularly as to resemble those of the double dahlia. Plants about 18 inches high and very free flowering. Very much improved over the old Victoria type.

**Pure White**, pkt., 10c; **Delicate Rose**, pkt., 10c; **Lavender**, pkt., 10c; **Purple**, pkt., 10c; **Rosy Carmine**, mixed, pkt., 10c.

**GIANT COMET**—In this class of Asters the petals are very long and recurved and twisted near the center. Plants branching about 2 feet high; more vigorous and taller growing than the ordinary Comet; flowers larger and equal in form. A desirable class, coming into bloom rather late.

**Pure White**, **Sulphur Yellow**, **Flesh Pink**, **Rose Pink**, **Dark Blue**, **Salmon Rose**, mixed. Each of above, pkt., 10c; ¼ oz., 50c.



SEMPLE'S BRANCHING

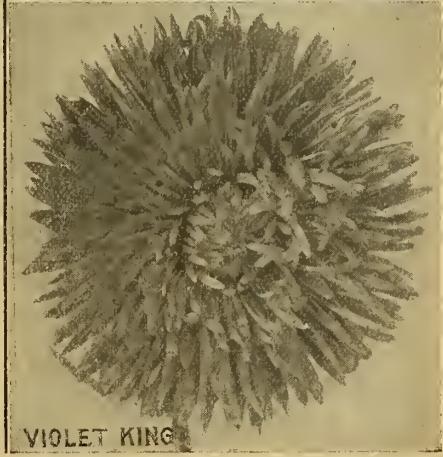


QUEEN OF THE MARKET

**VIOLET KING**—Soft violet, late branching habit; vigorous in growth, with long stiff stems, in form the flower is entirely new and distinct; petals somewhat resemble the quilled varieties, but are much larger and broader. Pkt., 10c; ¼ oz., 75c.



VICTORIA



VIOLET KING

**SEMPLE'S BRANCHING**—A class of very strong growing Asters, usually not coming into bloom until the latter part of August, but producing on very long stems full petalled, exceptionally large, double blossoms of fine form. Plants distinctly branching, about 2 feet high.

**White**, pkt., 10c; ¼ oz., 50c. **Blush White**, white, slightly tinged with pink, pkt., 10c; ¼ oz., 50c. **Rose Pink**, pkt., 10c; ¼ oz., 50c. **Light Pink**, pkt., 10c; ¼ oz., 50c. **Lavender**, pkt., 10c; ¼ oz., 50c. **Light Blue**, pkt., 10c; ¼ oz., 50c. **Crimson**, pkt., 10c; ¼ oz., 50c. **Dark Purple**, pkt., 10c; ¼ oz., 50c. **Seample's Mixed**, pkt., 10c; ¼ oz., 50c.

**QUEEN OF THE MARKET**—Very desirable on account of easiness as well as profuse blooming and wide range of colors. The plants are of branching habit, about 18 inches high, bearing on long stems from 10 to 15 finely formed double flowers of medium size. Fine for cutting. The colors include white, pink, deep rose, light blue, dark blue, violet and crimson. **Mixed**, pkt., 10c; oz., \$1.00.

**PEONY PERFECTION**—A giant flowering type of this favorite class, upright growers, 1½ to 2 feet high, producing abundantly immense double flowers (4 inches across) and almost perfectly round, with incurved petals.

**Perfection**, Finest Mixed Colors, pkt., 10c; ¼ oz., \$1.00. **Pure White**, pkt., 10c; ¼ oz., \$1.00. **Purple Violet**, pkt., 10c; ¼ oz., \$1.00. **Delicate Rose**, pkt., 10c; ¼ oz., \$1.00.

**HARDY PERENNIAL ASTER**—Mixed (Michaelmas Daisies)—Single fall flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 feet. Pkt., 10c; ¼ oz., 50c.



CALLIOPSIS.

### BALSAM.

An old and favorite flower, producing its gorgeous masses of beautiful brilliant colored flowers in the great profusion; of easy culture; succeeds in a good rich soil; tender annuals; 2 feet.

**DOUBLE CAMELLIA FLOWERED**—Undoubtedly the showiest and most attractive variety of Balsam. Mixed colors. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

**DOUBLE DWARF MIXED**—Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

### BALLOON VINE.

(Love-in-a-puff)—A rapid growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels like miniature balloons. Pkt., 5c; oz., 25c.

### BELLIS PERENNIS.

(English Daisy)—A favorite perennial; will bloom the first year from seed planted in the spring; will bloom for years if slightly protected in the winter. Very desirable for borders. White, pkt., 10c;  $\frac{1}{4}$  oz., 50c. Mixed, pkt., 10c;  $\frac{1}{4}$  oz., 50c.

### BEGONIA SEMPERFLORENS.

A continuous-flowering section of begonias of the greatest value for bedding; the flowers, although small, are of brilliant colors and borne in great profusion from summer to autumn. Seedlings of spring bloom in summer, while seedlings of summer make valuable decorative plants for the greenhouse during winter.

**VERNON** (*Semperflorens atropurpurea*)—Flowers brilliant, rich red, set off perfectly by the abundant, glossy green leaves, which are broadly margined with bronze and purple. Pkt., 10c.

**TALL VARIETIES**—Mixed., Pkt., 5c; oz., 20c.

### CALCEOLARIA.

A much admired genus, distinguished by its abundance of large, showy, sac-shaped or slipper-like flowers, which are creamy white and various shades of yellow, often splashed, spotted or blotched with dark reddish brown, two plants rarely having flowers marked exactly alike. Leaves large, feltly, close growing.

**FINEST HYBRIDA MIXED**—Seeds saved only from the most perfect flowers; all desirable. Pkt., 25c.

### CALENDULA.

**ORANGE KING**—Very large double flowers of a dark orange red. Pkt., 5c; oz., 25c. Mixed Colors, pkt., 5c; oz., 25c.

### CALLIOPSIS.

(Golden Wave)—Plant very bushy and compact, about 2 feet high, and covered from July to October with hundreds of beautiful golden blossoms, marked with dark brown in center. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; 1 oz., 25c.

**DWARF MIXED**—Pkt., 5c; oz., 20c.

### CANTERBURY BELLS.

The seeds should be sown by mid-April, in finely prepared, rich soil—the colors in separate rows—and if the weather is dry, they should be given a thorough watering late every afternoon. By the 15th of July the little plants should be transplanted, either to the places where they are to bloom the following summer, or else they may be set out temporarily in rows about a foot apart, the plants eight inches.

**CALYCANTHENA** (Cup and Saucer Canterbury Bells)—This is unquestionably the finest type of this old-fashioned and much-prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. Blue, a fine clear shade, 15c; White, pure white, 15c.

**MEDIUM** (Single Canterbury Bells)—The old-fashioned sort, with beautiful, large bell-shaped blossoms. Dark Blue, per pkt., 10c; Rose, per pkt., 10c; White, per pkt., 10c.

### CANDYTUFT—*Iberia*.

Showy, branching plants, 12 to 15 inches high, and bearing in profusion terminal clusters of beautiful single cruciform flowers in a wide range of colors. Considered indispensable for cutting and very effective in beds, masses or rockeries. Larger flowers are obtained if some of the branches are removed, and an abundance of water is desirable. Hardy annual. White, pkt., 5c; oz., 20c.

**EMPRESS**—Extra large white trusses; much better than the common white variety. Pkt., 5c; oz., 30c.

**PURPLE**—A rich dark shade. Pkt., 5c; oz., 25c.

**FINE MIXED**—Pkt., 5c; oz., 15c; lb., \$1.00.

### CANNA.

Stately, very ornamental plants of semi-tropical appearance. Very desirable for groups and in masses. Sow seeds indoors in February in light, sandy soil, first cutting a small notch through the hard outer coat with a knife or file, care being taken not to cut into the germ.

**FINEST LARGE FLOWERING MIXED**—Plants comparatively dwarf, about 3 feet high. Pkt., 5c.

### CANARY BIRD VINE.

(*Tropaeolum Canariense*)—A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a resemblance to a bird with its wings half expanded. Pkt., 5c; oz., 35c.

### CARNATION.

They are all easily grown from seed and very free blooming, the flowers being bright colored and with a most delicious clove-like fragrance. Some varieties are best adapted for pot culture and make fine house plants; others do best in the open ground. Half hardy perennial.

**MARGUERITE**—The plants of this wonderfully fine strain may be made to bloom in four months. Flowers large, double, deeply fringed, very fragrant and appear in very attractive shades of color. Marguerite, Pkt., 10c;  $\frac{1}{4}$  oz., 50c. Mixed, pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**CHABOUD'S EVERBLOOMING**—Very easily and exceedingly free flowering, fine double flowers. Rose, pkt., 10c;  $\frac{1}{4}$  oz., 75c. White, pkt., 10c;  $\frac{1}{4}$  oz., 75c.

### CELOSIA, OR COCKSCOMB.

Very attractive annuals. The crested heads of flowers resemble a cock's comb. The plumed heads are like great feathers. Sow the seed directly in the garden or start early and transplant. Make fine pot plants.

#### COMB VARIETIES.

**EMPRESS**—Combs of colossal proportions; rich crimson. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**FINEST DWARF MIXED**—A choice mixture of all sorts and colors. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

#### OSTRICH PLUME SORTS.

Very graceful. Handsome, pyramidal plants 3 feet high. Each branch gracefully tipped with brilliantly colored plume resembling an ostrich feather.

**THOMPSONI MAGNIFICA**—Mammoth blossoms of vivid scarlet; purple, blood red, golden yellow, salmon, etc., 2 feet. Mixed colors. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

### COREOPSIS.

**LANCEOLATA GRANDIFLORA**—This is one of the finest of hardy plants, with large, showy, bright yellow flowers produced in the greatest abundance from June till frost. Easily grown from seed, flowering the first year if sown early.  $\frac{1}{4}$  oz., 25c; pkt., 10c.

**CENTAUREA CYANUS—Bachelor Button.**

Two feet. Known as Ragged Sailor or Cornflower. It is not a pretentious plant, but will always charm by its simple beauty.

**BLUE EMPEROR**—Single blue. Oz., 30c; pkt., 5c.

**ALL COLORS MIXED**—Oz., 30c; pkt., 5c.

**IMPERIALIS** (Giant Sweet Sultan)—2½ ft. This beautiful class is undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful sweet scented, artistic shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition.

**WHITE**—Pkt., 10c; ¼ oz., 25c.

**DARK LILAC**—Pkt., 10c; ¼ oz., 25c.

**MIXED**—Pkt., 10c; ¼ oz., 25c.

**VARIETIES CULTIVATED FOR THEIR FOLIAGE.**

**CANDIDISSIMA**—Ornamental plants of great beauty; foliage deeply cut, silvery white and densely covered with white hairs. Half hardy perennial. Pkt., 15c.

**GYMNOCARPA**—Sometimes called Dusty Miller. Valuable because of its silvery foliage and graceful drooping habit of growth. Half hardy perennial; one-half to two feet high. Oz., 50c; pkt., 10c.

**CHRYSANTHEMUM ANNUAL.**

No annual furnishes so many cut flowers as these, which bloom plentifully throughout the summer. Sow seed early in the spring in shallow drills and thin out or transplant plants to be 10 inches apart.

**EVENING STAR, OR HELIOS** (Annual Golden Marguerite)—A splendid variety for cutting, flowers 3 inches across; color, pure golden yellow. Pkt., 10c; ¼ oz., 25c.

**FRUTESCENS GRANDIFLORUM** (Paris Daisy)—White, yellow eye. Pkt., 10c; ¼ oz., 25c.

**INDORUM PLENISSIMUM**—Pure white, intensely double flowers, which are produced from mid-summer till frost; fine for cutting. Pkt., 10c; ¼ oz., 25c.

**ALL VARIETIES**—Mixed. Pkt., 5c; ¼ oz., 25c.



COSMOS WHITE LADY LENOX.

**CINERARIA.**

(Hybrida)—Large flowering. Mixed, pkt., 35c.

**COBaea SCANDENS.**

Magnificent quick growing climber with beautiful foliage and large bell-shaped flowers of a beautiful blue color. Plant the seed edgewise in moist earth and cover over slightly. Pkt., 10c.

**COWSLIP.**

(Primula Veris)—A beautiful hardy spring flowering perennial of different colors of brown and yellow, very sweet scented. Pkt., 10c.

**COLEUS—Flame Nettle.**

Magnificent ornamental foliage plants for house or garden culture. Very easy and interesting to grow from seed. Hybrids, Mixed, pkt., 25c.

**CYCLAMEN PERSICUM.**

Charming house plants with beautiful foliage and rich colored flowers; universal favorites for winter and spring blooming. Seed may be sown any time during spring and fall. Finest Mixed, pkt., 25c.

**CYPRESS VINE.**

(Ipomoea Quamoclit)—A most beautiful climber with delicate dark green foliage and an abundance of bright star-shaped, scarlet and white blossoms. Do not plant seed till the ground is thoroughly warmed. White, Pink, Crimson. Pkt., 5c; Mixed, pkt., 5c; oz., 30c.

**WILD CUCUMBER.**

This is the quickest growing climber in our list. Grows wild, self-sown, in many parts of the West. It will grow 30 feet in one season. It is thickly dotted over with pretty white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. Pkt., 5c; oz., 40c.

**COSMOS.**

A very effective flowering plant. Quite hardy and rapid growing, forming bushes often 4 to 6 feet high and covered with large single Dahlia-like flowers. Sow the seed early in the spring thinly in drills, or 2 to 3 seeds may be planted in places where seed are to bloom; have the plants stand about 2 feet apart. If topped when half grown the plants will bloom much earlier, the check seeming to induce immediate flowering.

**MAMMOTH PERFECTION**—These are monstrous white flowers with flecked and pinked edges; the dark crimson flowers resemble large single Dahlias; the tinted varieties are charming, and others again are flushed with mauve and pink. The flowers measure from 3 to 4 inches across. White, pkt., 5c; Pink, pkt., 5c; Crimson, pkt., 5c; all colors, Mixed, pkt., 5c; ¼ oz., 20c.

**LADY LENOX**—The New Gigantic Orchard Flowering Cosmos—An entirely new race of Cosmos of extraordinary size and beauty. Flowers 6 to 7 inches in diameter. Color, a delightful shell pink, lighting up beautifully at night. Habit of plant strong and vigorous, growing 6 to 7 feet high. Pkt., 10c; ¼ oz., 40c.

**LADY LENOX WHITE**—This gigantic Cosmos is of extraordinary size and beauty. The flowers are about three times larger than the ordinary Cosmos. Color, pure white. Habit of plant strong and vigorous, growing 6 to 7 feet high. Flowers may be cut with any length stem. Pkt., 15c; two for 25c.

**EARLY FLOWERING.**

These are dwarfer than those offered above, bloom earlier, in fact, at mid-summer the bushes are fairly smothered with their attractive flowers. White, Pink, Crimson, each, 10c. Early Flowering, all Colors Mixed, ¼ oz., 25c; each, 10c.

## DAISY.

(English)—See Bellis.

**DAISY, SHASTA (Ox-Eye Daisy)**—2 ft. Gives a wonderful show of large white flowers. Fine for cutting.  $\frac{1}{4}$  oz., 50c; pkt., 10c.

**AFRICAN "GOLDEN-ORANGE" DAISY**—The plants of neat branching habit, grow only 12 to 15 inches high and are exceedingly profuse in flowering. Its Marguerite-like blossoms are of a rich glossy orange-gold. Pkt., 10c.

## DAHLIAS.

Grown from seed will flower the first year. Plant in the house in shallow boxes or pans; transplant as often as their growth requires; the seed germinates very easily. Double Mixed, pkt., 10c.

## DELPHINIUM—Hardy Larkspur.

The Larkspur is one of the handsomest and most useful of plants and for large gardens is invaluable.

**CHINENSIS ALBUM**—Large flowered white, 2½ to 3 ft. Pkt., 5c.

**CHINENSIS AZURE BLUE**—Large flowered. 2½ to 3 ft. Pkt., 5c.

**FORMOSUM**—Dark blue, light center, 3 ft.  $\frac{1}{4}$  oz., 25c; pkt., 10c.

**NUDICAULE**—Bright scarlet, of compact branching habit; free flowering; 1½ to 2 ft. Pkt., 10c.

CHOICE DOUBLE MIXED varieties. Pkt., 10c.

## DOLICHOS.

**(Hyacinth Bean)**—A rapid growing annual climber, flowering freely in erect racemes, followed by ornamental seedpods; for covering arbors, trellises, etc. Sow the seed in the garden in May where they are to remain.

**DAYLIGHT**—This wonderful Hyacinth Bean comes from Japan. In many instances, seed sown late in May had, by the middle of July, grown to a height of over ten feet and was covered with spikes of snow-white blossom until late fall. The bean shaped foliage is bright green and not affected by insect pests. Pkt., 10c; oz., 25c.

**"DARKNESS"**—Identical in every way to the above, except in color, which is a rich purple-violet. Per oz., 25c; pkt., 10c.

**MIXED**—Purple and white. Per oz., 15c; pkt., 5c.

## ESCHOLTZIA—California Poppy.

One foot. Sow seeds where plants are wanted to bloom, as they do not transplant well. A bed of these brilliant flowers, when in bloom, give a very pleasing color effect. The foliage is finely cut and has a bluish tinge. Hardy annual.

**CALIFORNICA**—Large pale yellow. 1 oz., 30c; pkt., 5c.

**CARMINE KING**—Beautiful carmine rose color, both on the interior and exterior of the flower. 1 oz., 30c; pkt., 10c.

**GOLDEN WEST**—Flowers bright yellow and orange, penciled and blotched.  $\frac{1}{2}$  oz., 25c; pkt., 5c.

**ROSE CARDINAL**—Large flowers, white inside, rose outside. Pkt., 5c; 1 oz., 40c.

**ALL COLORS MIXED**—Many shades. 1 oz., 25c; pkt., 5c.

## FOUR O'CLOCK—Mirabilis or Marvel of Peru.

Sow seed in spring in open ground after danger of frost is over in any good, well prepared garden soil, and cover with one-half inch of fine soil, firmly pressed down. For the best development plants should be from 2 to 3 feet apart each way. Hardy annual, about 2 feet high. Large growing, shrub-like plants with funnel-shaped flowers of many colors. Mixed, pkt., 5c; oz., 20c.

## DIGITALIS.

**(Foxglove)**—Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July.

**PURPLE**— $\frac{1}{4}$  oz., 30c; pkt., 10c.

**ROSE**— $\frac{1}{4}$  oz., 30c; pkt., 10c.

**WHITE**— $\frac{1}{4}$  oz., 30c; pkt., 10c.

## FORGET-ME-NOT—Myosotis.

Well known pretty flowers for borders and beds, their various shades being very effective.

**ALPESTIS (Alpine Forget-Me-Not)**.

**ALBA**—Pure white.  $\frac{1}{8}$  oz., 40c; pkt., 5c.

**ROSEA**—Pink.  $\frac{1}{8}$  oz., 40c; pkt., 5c.  
Large bright azure blue.  $\frac{1}{8}$  oz., 40c; pkt., 5c.



GAILLARDIA GRANDIFLORA COMPACTA.

## GAILLARDIA—Blanket Flower.

June to October, 2 ft. The long-flowering period, long stems and bright colors make these one of the most valuable of perennials, being easily grown in beds or borders in ordinary garden soil.

**LORENZIANA**—The Bride—Perfectly double, creamy white flowers, borne on long stems; very valuable for cutting. Pkt., 10c.

**LORENZIANA RUBRA**—Double red, very effective. Pkt., 10c.

**LORENZIANA DOUBLE PERFECTION MIXED**—Large handsome heads of double quilled flowers in rich shades of red and yellow. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**GRANDIFLORA COMPACTA**—A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort. Hardy Perennial.  $\frac{1}{4}$  oz., 40c; pkt., 10c.

## GERANIUM. (Pelargonium.)

**ZONALE, MIXED**—A superb strain of the largest and finest varieties. Pkt., 10c.

**APPLE-SCENTED**—This fragrant favorite variety can only be grown from seed to form fine plants. Pkt., 15c.

## GLOBE AMARANTH—Gomphrena.

Popularly known as Bachelor's Button. The flowers are clover-shaped and may be dried and used for winter bouquets. Pkt., 5c; oz., 25c.

## GODETIA.

Hardy annual, about one foot high; single, widely opened flowers of satiny texture; flowers are scattered singly on the leafy branches or borne in short dense spikes; suitable for pot culture or outdoor planting. Mixed, pkt., 5c.

## GOURDS.

(*Cucurbita*)—A class of rapid growing annual climbers, which attain a height of 20 feet in a season, and are most useful for covering old trellises, fences, stumps, verandas, etc.

Calabash, pkt., 10c; Dish Cloth, pkt., 5c; Nest Egg, pkt., 5c; Dipper, pkt., 5c; Sugar Trough, pkt., 5c; Mixed, pkt., 5c; oz., 25c.

## HELIANTHUS—Sunflower.

Very good for screens or background.

**GIGANTEUS PLENISSIMUS**—Very fine double yellow. Pkt., 5c; oz., 25c.

**CUCUMERIFOLIUS (Miniature Sunflower)**—Small, single, rich yellow flowers; constant bloomer; 4 feet. Pkt., 5c;  $\frac{1}{4}$  oz., 15c.

**TALL SINGLE SUNFLOWER**—Pkt., 5c; oz., 10c.



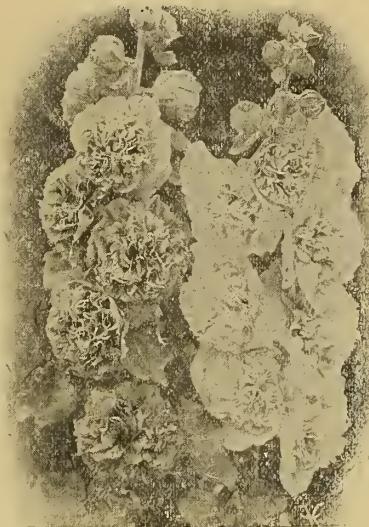
HELIOTROPE—Mammoth Flowered.

## HELIOTROPE.

Two feet. In bloom during the whole season. Its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed started indoors in the spring will make fine plants for summer blooming.

**MAMMOTH MIXED**—Flowers of great size and ranging in shade from dark blue to lilac. Pkt., 10c.

**QUEEN MARGUERITE**—Large, dark blue. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.



HOLLYHOCK.

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year. To get results this season it is necessary to get year-old plants.

**MAROON**—40c  $\frac{1}{4}$  oz., per pkt., 10c.  
**BRIGHT ROSE**—40c  $\frac{1}{4}$  oz., per pkt., 10c.

**BRIGHT RED**—40c  $\frac{1}{4}$  oz., per pkt., 10c.

**EXTRA CHOICE DOUBLE MIXED**—30c per  $\frac{1}{4}$  oz., \$1.00 per oz., per pkt., 10c.

**SALMON ROSE**—40c  $\frac{1}{4}$  oz., per pkt., 10c.

**WHITE**—40c  $\frac{1}{4}$  oz., per pkt., 10c.

**YELLOW**—40c  $\frac{1}{4}$  oz., per pkt., 10c.

**SINGLE VARIETIES**—Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. **Mixed, all colors**,  $\frac{1}{4}$  oz., 30c; pkt., 5c.

## HUMULUS JAPONICUS.

Hardy annual climber fifteen to twenty feet high, desirable for covering unsightly objects or shading verandas.  $\frac{1}{4}$  oz., 20c; pkt., 5c.

## ICE PLANT.

(*Mesembryanthemum crystallinum*)—A curious plant for hanging baskets, rock work, vases and edgings; leaves and stems succulent, appearing as though covered with crystals. Pkt., 5c.

## JOB'S TEARS.

(*Coix lacryma*)—Curious ornamental grass with broad, corn-like leaves and seeds of a light slate color. Valuable for winter bouquets, with everlasting flowers. Strings of handsome beads are made from the seeds. Hardy annual; 3 feet high. Pkt., 5c; oz., 15c.

## KOCHIA SCOPARIA.

(Summer Cypress)—Pretty ornamental plant with fine, feathery foliage, very much like Cypress Vine; light green, turning to blood red in autumn. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

## KUDZU VINE.

(Jack and the Bean Stalk Vine)—A vine that will grow and flourish where nothing else will. Invaluable for covering fences, porches, old or dead trees. This vine is a native of China, and is cultivated for its beauty and also for the edible value of its roots. Its large, bright green leaves afford a dense shade. It is hardy and will last for many years. Will grow 50 feet if permitted, and has dense foliage clear to the ground. Pkt., 10c; oz., \$1.00.

**LANTANA.**

Very rapid growing, free flowering plants that bloom through the latter part of summer and autumn. The plants form small shrubs, producing in abundance clusters of single, fragrant flowers that continually change color.

**FINEST FRENCH HYBRIDS**, Mixed—Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

**LATHYRUS PERENNIAL SWEET PEAS.**

**PINK BEAUTY**—Pale pink variety. 1 oz., 40c; per pkt., 10c.

**RUBRA**—Bright rosy crimson. 1 oz., 40c; per pkt., 10c.

**WHITE**—Large sprays of the purest white flowers. 1 oz., 40c; per pkt., 10c.

**MIXED**—The above colors. 1 oz., 40c; per pkt., 10c.

**LINUM.**

(Scarlet Flax)—Of slender, delicate growth, having a profusion of bright scarlet flowers. May be planted in hot beds and transplanted to the open ground after danger of frost is over, or sown in the open ground after the weather is warm; hardy annual, 1 foot high. Pkt., 5c; oz., 25c.

**LOBELIA.**

Exceedingly pretty plants for pots, hanging baskets, rockeries, bedding and borders. Start plants in pots or hot bed early in spring; transplant to the open ground in May. Half hardy annual, about 6 inches high.

**CRYSTAL PALACE COMPACTA**—Rich, deep blue; dark foliage; the best blue for bedding. Pkt., 5c;  $\frac{1}{8}$  oz., 50c.

**CARDINALIS** (Cardinal Flower)—Long spikes of rich cardinal flowers. Pkt., 10c.

**SPESICOSA**—Ultramarine blue; dark leaved; trailing. Pkt., 5c;  $\frac{1}{8}$  oz., 50c.

**MARIGOLD.**

In autumn, when many bedding and other plants are past their prime, Marigolds afford a wealth of color that is simply invaluable.

The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted. The Single French and the Dwarf Single French Marigolds hold the chief place in the class.

**TALL AFRICAN DOUBLE VARIETIES—5 FT.**

**LEMON QUEEN**— $\frac{1}{4}$  oz., 25c; pkt., 5c.

**ORANGE QUEEN**— $\frac{1}{4}$  oz., 25c; pkt., 5c.

**TALL AFRICAN MIXED**—Large double flowers.  $\frac{1}{4}$  oz., 20c; pkt., 5c.

**DAWAR FRENCH DOUBLE SORTS—10 IN.**

**ELECTRIC LIGHT**—Sulphur-yellow, brown-red stripes and spots.  $\frac{1}{4}$  oz., 15c; pkt., 5c.

**GOLD STRIPED**—Velvety maroon, striped gold.  $\frac{1}{4}$  oz., 15c; pkt., 5c.

**DAWAR FRENCH DOUBLE MIXED**—Low bushes covered with small flowers.  $\frac{1}{4}$  oz., 15c; pkt., 5c.

**SINGLE DWARF VARIETIES.**

**LEGION OF HONOR**—Flowers rich golden yellow, marked with velvety brown, best for edging.  $\frac{1}{4}$  oz., 15c; pkt., 5c.

**MAURANDIA.**

Graceful climber for conservatory, parlor baskets, or outdoor purposes; with rich purple, white and rose tube-shaped flowers; tender annual. Pkt., 10c.

**MATRICARIA.**

(Double White Feverfew)—Free flowering plants, producing all season fine double, white flowers. A fine bedding or pot plant; 18 inches. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

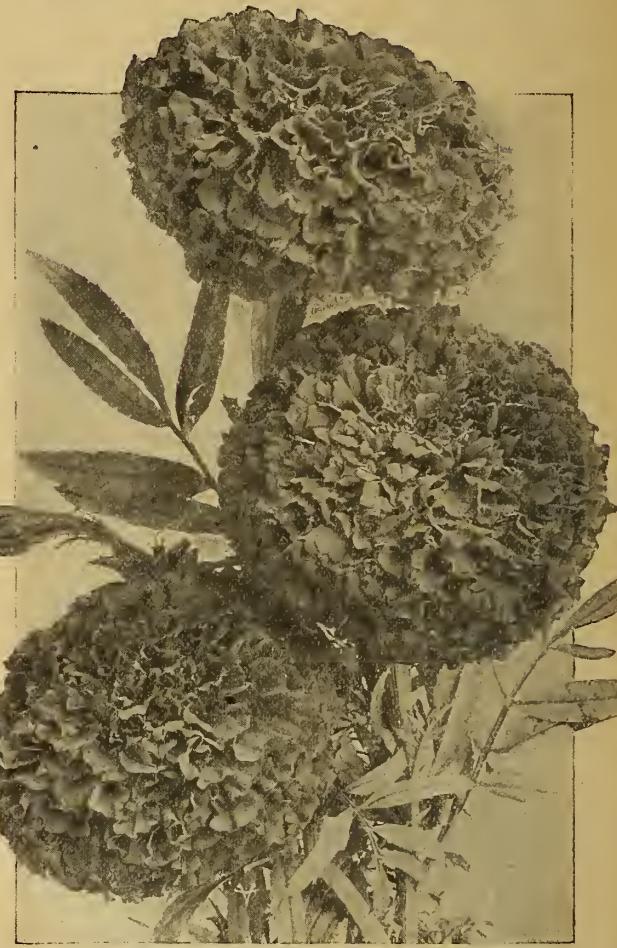
**MIGNONETTE.**

A well known hardy annual producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and early summer it will bloom till killed by frost. Seed sown in autumn will bloom early the following spring. Thrives best in a cool temperature. Hardy annual one foot high.

**MACHET**—Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant; one of the best.  $\frac{1}{4}$  oz., 20c; pkt., 10c.

**SWEET-SCENTED (Reseda Odorata)**—The old variety with small spikes, but very sweetly scented. Per oz., 15c; pkt., 5c.

**WHITE**—Large spikes; pure white, very fragrant.  $\frac{1}{4}$  oz., 20c; pkt., 5c.



**MARIGOLD—DOUBLE TALL AFRICAN MIXED.**

**MOON FLOWER.**

(*Ipomoea Grandiflora Alba*)—Will grow thirty to forty feet in a single season and be covered with its large, white flowers every evening and cloudy day. The hard outer coat of the seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell and the seed planted about one inch deep in moist soil in a box or pan and set in a warm place. If the soil be kept moist, germination will take place in about two weeks. Pkt., 10c; 1 oz., 60c; plants, each, 15c. Prepaid, 25c. Blue, violet blue, pkt., 10c.

**GIANT JAPANESE MORNING GLORY.**

**Special Mixture**—Nothing among flowers can furnish a more beautiful sight than screen or trellis of these "Giant Japanese Morning Glories." Soak the seed in water for 24 hours before sowing. Best Single Fringed, Mixed, pkt., 10c; oz., 25c.

**MORNING GLORY.**

(*Convolvulus*)—The best known and most popular climber. Tall Varieties, Mixed, pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c.

**MOMORDICA.**

Gracefully climbing vines with small yellow blossoms, followed by fruits of curious shape. Foliage gracefully cut.

**BALSAM PEAR (Charantia)**—The fruit is pear-shaped, green changing to bright red and has a warty skin; when ripe it bursts open and shows a brilliant interior of large carmine seeds. Pkt., 5c; oz., 30c.

**BALSAM APPLE (Balsamina)**—Like Balsam Pear, but foliage smaller; fruit much smaller and nearly round; green striped when young, becoming scarlet. Pkt., 5c; oz., 30c.



NASTURTIUM.

## NASTURTIUM

Few plants are more easily grown or remain longer in bloom than the Nasturtium, with its large shield-shaped leaves and beautifully irregular flowers, having long spurs and brilliantly colored petals. In favorable soil flowers are produced in abundance throughout the season. Seed is usually sown outdoors as soon as the weather is warm and settled, in the row where the plants are to remain. Well pulverized soil, preferably well drained and moderately rich, should be used and the seed covered with about one inch of fine soil, firmly pressed down. A sunny situation is essential for free blooming. If the soil is very rich the plants give a large amount of foliage but few flowers. Nasturtiums are seldom, if ever, bothered with insects.

### Tall or Climbing Varieties

**TALL, OR CLIMBING VARIETIES**—Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 10 feet.

**BLACK PRINCE**—Velvety black, purplish-crimson, dark foliage. Pkt., 5c; oz., 15c.

**CROWN PRINCE OF PRUSSIA**—Blood red. Pkt., 5c; oz., 15c.

**DUNNETT'S ORANGE**—Deep orange. Pkt., 5c; oz., 15c.

**PEARL**—Creamy white. Pkt., 5c; oz., 15c.

**SPITFIRE**—Bright, fiery scarlet. Pkt., 5c; oz., 15c.

**VESUVIUS**—Salmon rose, an exquisite shade. Pkt., 5c; oz., 15c.

**LUCIFER**—Both flowers and foliage are of a rich dark coloring, the flowers being a deep rich velvety crimson. Pkt., 5c; oz., 15c.

**Lobb's Finest Mixed**, Pkt., 5c; oz., 15c.

**Very Fine Mixed**, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., 85c.

### Tom Thumb, Dwarf or Bedding Varieties

**DWARF CLOTH OF GOLD**—Scarlet flowers and yellow foliage. Pkt., 5c; oz., 15c.

**DWARF AURORA**—Light reddish-orange, veined with carmine. Pkt., 5c; oz., 15c.

**DWARF EMPRESS OF INDIA**—Fiery crimson, dark foliage. Pkt., 5c; oz., 15c.

**KING THEODORE**—Dark maroon, bluish green foliage. Pkt., 5c; oz., 15c.

**KING OF TOM THUMBS**—Dark scarlet, dark leaves. Pkt., 5c; oz., 15c.

**PEARL**—Creamy white. Pkt., 5c; oz., 15c.

**RUBY KING**—Rich crimson. Pkt., 5c; oz., 15c.

**VESUVIUS**—Salmon rose. Pkt., 5c; oz., 15c.

**EXTRA FINE DWARF MIXED**—Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

### NICOTIANA AFFINIS.

(Sweet Scented Tobacco Plant)—A handsome genus of garden plants of the tobacco family, noted for the freedom and fragrance of their bloom. Half hardy annuals, three feet high. Flowers white, salver shaped, having long tubular corollas, and are of exquisite fragrance. Deserves a place in every garden. Pkt., 5c; oz., 25c.

### NICOTIANA SANDERAE.

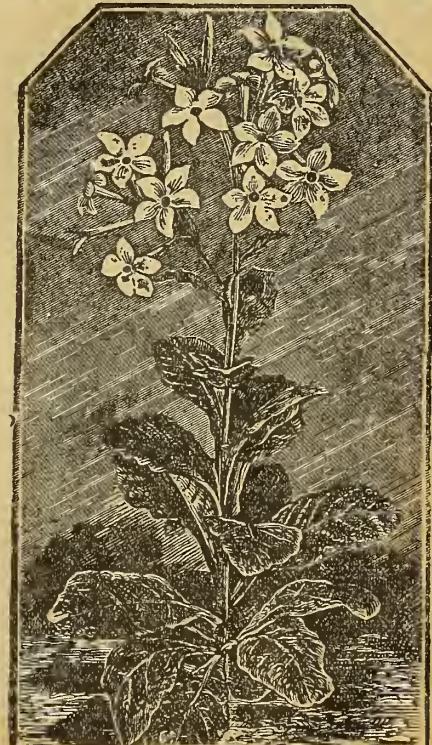
Laden with handsome carmine blossoms from base to summit, which are produced on a single plant, making a beautiful plant for garden, bed or shrubbery border; a hardy annual, with dark foliage. Pkt., 10c;  $\frac{1}{4}$  lb., 25c.

### NIGELLA.

(Love in a Mist)—Sometimes called Devil in a Bush, or Lady in the Green, because the blooms are partly concealed by the abundance of finely cut foliage. Pkt., 5c; oz., 35c.

### MAGIC FERN FOOD FOR FERNS AND FLOWERS, 25 CENTS.

WE WILL HAVE A GOOD SUPPLY OF PANSY PLANTS IN SEASON GROWN FROM OUR OWN SEEDS.



NICOTIANA AFFINIS.



PANSY GIANT TRIMARDEAU.

## PETUNIA

Petunias are unsurpassed for massing in beds. Their richness of color, duration of bloom and easy culture will always make them popular.

### SINGLE SMALL FLOWERING VARIETIES

ALBA—Pure white.  $\frac{1}{8}$  oz., 25c; pkt., 5c.

COUNTESS OF ELLESSMER—Rose with white throat.  $\frac{1}{8}$  oz., 25c; pkt., 5c.

DEEP PURPLE— $\frac{1}{8}$  oz., 25c; pkt., 5c.

GOOD MIXED—1 oz., 50c;  $\frac{1}{2}$  oz., 30c; pkt., 5c.

FINEST MIXED— $\frac{1}{4}$  oz., 25c; pkt., 10c.

### LARGE FLOWERING SINGLE VARIETIES.

ALBA—Fringed white. Pkt., 25c.

BRILLIANT ROSE—Pkt., 15c.

DARK CRIMSON—Pkt., 15c.

BRIGHT CRIMSON—Pkt., 15c.

LARGE FLOWERING MIXED—Pkt., 15c.

GIANTS OF CALIFORNIA—"The Giants of California" bear gigantic flowers, often five or more inches in diameter, of an astonishing variety of color. One of the chief points of excellence is the deep throat. Many of the flowers have a clear yellow throat, while others have a pure velvety black one, so deep that it seems to show no veining. Many are deeply lined and netted, on a white, pink, or lavender ground. Flowers are beautifully ruffled and frilled. Mixed, per pkt., 25c.

IMPORTED COLLECTION of single fringed varieties. Mixed, per pkt., 25c.

DOUBLE LARGE FLOWERING FRINGED—Will produce a large percentage of double flowers; of largest fringed varieties in bright colors and tints. Pkt., 25c.

## PANSIES

May be sown in early spring or fall. When sown in the fall make fine blooming plants for early spring; if sown in spring will bloom through July and August. Pansies will bloom through the entire summer, but produce finest flowers in spring and fall, when the weather is cool. They do better in a cool, moist location.

A soil containing a good proportion of leaf mould, well enriched with decayed manure will be the most satisfactory for the growing of Pansy plants. The ground should be well dug and made fine and level.

Thorough cultivation should be given from the start, as they thrive best in rich, loose soil.

**ADONIS**—Light blue with white center.  $\frac{1}{8}$  oz., 25c; 1 pkt., 10c.

**AURORA**—Brilliant purplish crimson with white margin.  $\frac{1}{8}$  oz., 25c; pkt., 10c.

**BEACONFIELD**—Upper petals light lavender, lower ones deep rich purple.  $\frac{1}{8}$  oz., 25c; pkt., 10c.

**COAL BLACK**—Jet black.  $\frac{1}{8}$  oz., 25c; pkt., 10c.

**COMIT**—Porcelain white with fine blue strips on lower petals.  $\frac{1}{8}$  oz., 40c; pkts., 10c.

**EMPEROR WILLIAM**—Dark navy blue.  $\frac{1}{8}$  oz., 25c; pkt., 10c.

**EROS**—Deep velvety brown, edged golden.  $\frac{1}{8}$  oz., 40c; pkt., 10c.

**FREYA**—Deep purple violet, with white margin.  $\frac{1}{8}$  oz., 25c; pkt., 10c.

**MAD PERRET**—Shaded pink and rose.  $\frac{1}{8}$  oz., 25c; pkt., 10c.

**MAUVE QUEEN**—Delicate mauve.  $\frac{1}{8}$  oz., 25c; pkt., 10c.

**PRINCE HENRY**—Flowers large, intense dark blue, with three black blue blotches.  $\frac{1}{8}$  oz., 40c; pkt., 10c.

**PSYCHE FIVE**—Blotched deep violet with white edge.  $\frac{1}{8}$  oz., 45c; pkt., 10c.

**SNOWFLAKE**—Delicate pure white.  $\frac{1}{8}$  oz., 25c; pkt., 10c.

**VICTORIA**—Vivid red with dark violet center.  $\frac{1}{8}$  oz., \$1.00; pkt., 25c.

**VIOLET**—Deep violet blue,  $\frac{1}{8}$  oz. 25c; pkt., 10c.

**YELLOW**—Golden yellow.  $\frac{1}{8}$  oz., 30c; pkt., 10c.

**YELLOW**—Giant flowers with dark eye.  $\frac{1}{8}$  oz., 25c; pkt., 10c.

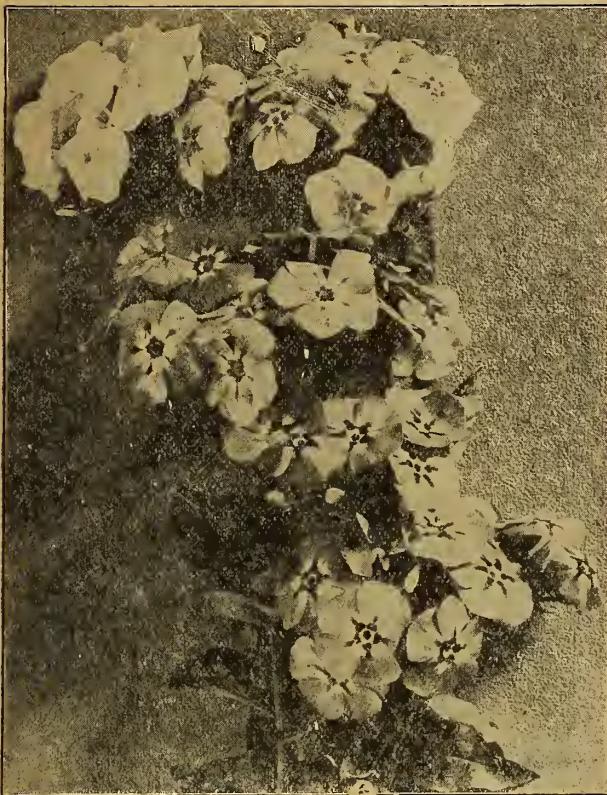
**MASTERPIECE (Ruffled Pansy)**—This strain comes nearer to double Pansy than any other; it has the same number of petals as any other Pansy. But they are crumpled and curled in such a fashion that flowers appear double. Pkt., 25c;  $\frac{1}{8}$  oz., \$1.00.

**CASSIER'S SUPERB STRAIN**—Very large, well formed, beautifully blotched flowers in the greatest variety of colors.  $\frac{1}{8}$  oz., 75c; pkt., 10c.

**TRIMARDEAU**—Mixed.  $\frac{1}{8}$  oz., 25c; pkt., 10c.

**HARNDEN'S SPECIAL MIXED**—The flowers of this splendid mixture are of largest size and finest form of magnificent colors; borne on stiff stems which show their beauty to fine effect. An excellent sort for florists. Pkt., 15c;  $\frac{1}{8}$  oz., 75c.

**HARNDEN'S SUPERB MIXED**—This is without question the best obtainable in separate varieties, and blended into a magnificent mixture. Produces well rounded perfect shaped flowers showing a wide range of colorings and markings. It includes the richest reds, coppers and bronzes, together with the most delicate pink shadings and velvety petals, with fluted and half double edges, including the Masterpiece strain with its delicate veinings and ruffled petals. Pkt., 25c;  $\frac{1}{8}$  oz., \$1.00.



PHLOX DRUMMONDI.

**PHLOX.**

**PHLOX DRUMMONDI** (Large Flowering)—Unequaled in the magnificent display of their many and brilliantly colored flowers. The plants are hardy bush-like annuals with many broad flat-topped clusters of nearly round and star-shaped flowers. They are of easier culture and bloom profusely through a long season. Seed is usually sown very early in spring outdoors in rows one foot apart. A sunny situation is desirable. Well pulverized soil, preferably rich and mellow, should be used and the seed, which germinates rather slowly, covered with about one-fourth inch of fine soil, firmly pressed down.

**BUFF**—Pkt., 10c; oz., 90c.

**CRIMSON**—Pkt., 10c; oz., 90c.

**ROSE WITH WHITE EYE**—Pkt., 10c; oz., 90c.

**SCARLET**—Pkt., 10c; oz., 90c.

**SHELL PINK**—Pkt., 10c; oz., 90c.

**WHITE**—Pkt., 10c; oz., 90c.

**EXTRA CHOICE MIXED**—Best large flowered varieties. Our mixture is unexcelled for profusion of bloom and wide range of brilliant colors. Pkt., 5c; oz., 75c.

**DWARF PHLOX (Nana Compacta).**

**FIREBALL**—Scarlet. Pkt., 15c.

**SNOWBALL**—White. Pkt., 15c.

**DWARF**—Mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**STAR PHLOX** of dwarf habit, with pretty star-shaped flowers. Mixed colors. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**PERENNIAL PHLOX**—Mixed colors. Pkt., 10c.

**DIANTHUS OF PINKS.**

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when danger from frost is past, and in a few weeks' time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high and can be used in beds or borders of solid or mixed colors. The double-flowering sorts are almost as fine as Carnations for cutting.

**CRIMSON BELLE**—Rich, vivid crimson color; flower single and of extraordinary size and substance, evenly and finely laciniated.  $\frac{1}{4}$  oz., 25c; pkt., 5c.

**HEDDEWIGI SINGLE MIXED**—Flowers of the best shades and beautifully marked. Oz., 50c; Pkt., 5c.

**DOUBLE JAPAN MIXED**—Rich in hue; very double deep-fringed petals. Oz., 80c; pkt., 5c.

**DOUBLE CHINA MIXED**—White and dark crimson selfs, also white tipped light purple and shades of red with darker blotchings. Oz., 50c; pkt., 5c.

**HEDDEWIGI'S DOUBLE**—Flowers very large and double and of various shades of brilliant colors. Pkt., 5c.

**DIANTHUS (Hardy Garden Pinks)**—Charming summer flowering border plants, more or less fragrant; should be planted in full sun or open situation.

**CYCLOPE (Clove Pink)**—Dark rose with crimson zone. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Double and Semi-Double mixed**, fine for cutting. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**Single Mixed**—Delicately fringed flowers. Pkt., 5c; oz., 50c.



PINKS.



POPPY CARNATION FLOWERED.

## POPPIES.

PLANT as early in the spring as the ground can be worked, where they are to remain, as the annual variety will not stand transplanting. Poppies do best in a light sandy loam. Barely cover the seed, pressing it firmly in; when the plants are about 2 inches high, thin from 6 to 12 inches apart. To secure a long season of bloom cut the bloom when first opened, allowing no seed pods to form.

CARNATION FLOWERED—Splendid double-fringed flowers, crimson, pink, scarlet, white, mixed. Pkt., 5c; oz., 25c.

SINGLE POPPIES—California Poppy. See Escholtzia.

SHIRLEY—The Shirley Poppies range in color from pure satiny white through all shades of pink to deepest crimson. The flowers are large single and semi-double, of a satin-like texture. If cut before the blooms are fully opened will last several days in water. Hardy annual, about 18 inches high. Pkt., 5c; oz., 50c.

TULIP POPPY—Produces large, splendid bright scarlet flowers, strikingly beautiful, reminding one of a dazzling bed of tulips; 14 inches high. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

## ICELAND POPPIES.

(*Papaver nudicaule*)—While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion. They remain evergreen throughout the winter, coming into bloom early the following spring.

|                                                       |        |
|-------------------------------------------------------|--------|
| Bright Yellow .....                                   | \$0.10 |
| Pure White .....                                      | .10    |
| Orange Scarlet .....                                  | .10    |
| Finest Mixed. All colors, $\frac{1}{4}$ oz., 25c..... | .10    |

## HARDY PERENNIAL POPPIES.

Oriental Poppies should be sown as early in the spring as the ground can be worked. The plants disappear during the hot summer months of July and August, reappearing when the coolness of September arrives; seemingly to make an additional growth of top and root in preparation of severe winter weather. It is well to mark the place in which they are planted, so as not to disturb them during their annual resting season.

**ORIENTALE** (The Large Oriental Poppy)—A charming summer flowering hardy plant, producing numerous leafy stems about  $2\frac{1}{2}$  feet high, with large, deep crimson flowers, having a conspicuous black blotch on each petal; exceedingly showy.  $\frac{1}{4}$  oz., 50c.

**MAMMOTH**—Glowing scarlet, very large. Per pkt., 10c.

**PEACOCK**—Scarlet with glossy black zone. Pkt., 10c.

**QUEEN ALEXANDRIA**—Brilliant salmon red. Pkt., 10c.

**VIVID SCARLET**—Pkt., 10c.

## PORTULACA.

(Sun Plant)—One of the very best hardy annuals. Portulaca is very easy to cultivate; thrives best in a sunny location. The flowers are of the richest colors and bloom profusely the entire summer. Are used for massing in beds, borders, rock work or for sowing broadcast over sunny embankments. Single Mixed, in all colors, pkt., 5c;  $\frac{1}{4}$  oz., 20c. Double Mixed, pkt., 10c;  $\frac{1}{4}$  oz., 50c. May depend on a large percentage of the flowers coming double.

## PRIMULA SINENSIS.

(Chinese Primrose)—This beautiful winter blooming pot plant is especially valuable in that its brightly colored and finely formed flowers and attractive foliage may be had in perfection from November until late in spring. Sow the seed indoors in well drained, shallow pans or boxes from April to the last of July, to insure flowering the following winter. If covered too deeply or if allowed to dry after being wet the seed will not germinate. Transplant into pot and keep in a cool place so that the plants will grow slowly until ready to bloom.

**CHINESE PRIMROSE**—Large flowering fringed white. Pkt., 25c.

**CHINESE PRIMROSE**—Large flowering fringed scarlet. Pkt., 25c.

**CHINESE PRIMROSE**—Large flowering pink. Pkt., 25c.

**PRIMULA OBCONICA GIGANTEA**—These are of the easiest culture in a greenhouse or light window of dwelling house, flowering abundantly with little care. Finest Mixed, per pkt., 25c.

## PYRETHRUM.

Very ornamental, both foliage and flowers. Well adapted for bedding and borders. Sow outdoors in spring as soon as ground can be worked, or for best results start the seed indoors and transplant after danger from frost is past.

**AUREUM** (Golden Feather)—Beautiful gold leaved bedding plant. Flowers white. Half hardy perennial, height one foot. Pkt., 5c; oz., 50c.

**HYBRIDUM**—Hardy perennial, bearing large daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June. Deep red, flesh white. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.



SCABIOSA.

## RICINUS.

(Castor Oil Bean)—A very showy plant. Can be used in various ways: planted thickly it forms a handsome hedge or screen; may be used with cannae to a very good effect, lends a tropical appearance to the garden.

**CAMBODGENIS**—Large, palm-like leaves of brilliant bronzy red; stalks nearly black. Pkt., 5c; oz., 20c.

**ZANZIBARIENSIS**—A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are quite distinct in color and beautifully marked. Pkt., 5c; oz., 15c. Mixed Sorts, pkt., 5c; oz., 10c.

## SALPIGLOSSIS.

(Painted Tongue)—These annuals have showy, large, funnel-shaped flowers; mottled, veined and self-colored. They require a rich soil and will repay liberal treatment. Emperor, mixed, pkt., 5c.

## SALVIA.

(Flowering Sage)—Among the most brilliantly colored of garden flowers and extremely useful for bedding; also valuable for pot culture and cutting. Blooms are borne in long spikes, well above the foliage, and are of fiery red, crimson, continuing in flower a long time. Start early in house and transplant into light soil 1 or 2 feet apart, or seed can be sown outdoors after danger from frost is past.

**BONFIRE**—This is one of the finest of Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. Pkt., 10c; ¼ oz., 75c.

**SPLENDENS**—Large, brilliant scarlet flowers are in these plants afforded a rich, dark green background of dense foliage. This variety is most generally used in parks and on extensive lawns, as in growth it is more vigorous than the more dwarf varieties. 2½ to 3 feet high. Pkt., 10c; oz., \$2.00.

**BALL OF FIRE**—Many strains of Salvia Splendens have been offered under different names with the claim that they are larger flowered or more floriferous than the old type. We have found none of them more distinctly valuable than this strain in which the plant is more uniformly dwarf, and comes into bloom earlier than most sorts and remains covered with brilliant red flower spikes a remarkably long time. About 2 feet high. Pkt., 20c; ½ oz., 60c.

## SCABIOSA.

(Mourning Bride, Sweet Scabious, Pincushion Flower)—Favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past; they grow about 2½ feet high, and come into bloom early in June, and continue without interruption until hard frost.

**IMPROVED LARGE FLOWERING**—Azure Blue, lavender blue, pkt., 10c; Crimson, pkt., 5c; Flesh Pink, pkt., 5c; King of the Blacks, black purple, pkt., 10c; White, pkt., 5c; Mixed Colors, pkt., 5c; oz., 50c.

## SMILAX.

In many respects this Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. Pkt., 10c; ¼ oz., 25c.

## SWEET WILLIAM.

(Dianthus Barbatus)—The seed can be planted very early in the spring and will blossom the following summer or sow in August will make blooming plants for spring. Single, Mixed, pkt., 5c; Double, Mixed, pkt., 10c.

## STOCKS.

(Gilly Flowers)—The Ten Weeks' Stocks are generally cultivated and bloom for 10 or 12 weeks after being sown; they grow from 6 to 8 inches high, bearing an immense quantity of bloom of delightful fragrance. Mixed, pkt., 10c.

## SWEET VIOLETS.

Sow the seed in May, and when in flower in August and September, transplant in well enriched beds; soon after the snow is off in the following spring they begin to bloom and throughout the spring will give a profusion of flowers. Blue, pkt., 5c.

## THUNBERGIA.

(Black Eyed Susan)—Four feet, beautiful climbers for hanging baskets and lawn vases, flowers trumpet-shaped. Mixed Colors, pkt., 5c; ¼ oz., 25c.

## VERBENAS.

Plants grown from the seed are not only cheaper, but are strong and vigorous in growth, with rich, dark foliage, and continue in bloom until cut off by heavy frosts. Sow seed early in cold frame boxes in light sandy soil, in a sunny window, or it may be sown thinly in shallow drills in open ground. When the young plants are well started, they should be thinned or transplanted to stand 12 inches apart in the row.

**MAMMOTH VERBENAS**—Pink, purple, scarlet, white. Pkt., 10c; ¼ oz., 40c.

**HYBRIDA**. Fine Mixed—All colors of older sorts. Pkt., 5c; ¼ oz., 25c.

## VINCA.

(Periwinkle, or Old Maid)—They flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter.

**ROSEA**—Rose, dark eyed. Pkt., 10c.

**ALBA PURA**—Pure white. Pkt., 10c; ¼ oz., 25c.

## ZINNIAS.

(Youth and Old Age)—These attractive and decorative hardy annuals are most desirable plants for mixed borders or bedding purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful for bouquets. The double Zinnias are exceedingly handsome, the flowers being notable for their large size, fine form, brilliancy and diversity of color. The plants come quickly from seed and are easily transplanted.

**GIANT FLOWERED**—The flowers are of enormous size, thickly set with velvety petals. The plants are healthy, vigorous, branching freely, and make excellent material for groups or cutting. White, pkt., 15c; Golden Yellow, pkt., 15c; Sulphur Yellow, pkt., 15c; Flesh Color, pkt., 15c; Crimson, pkt., 15c; Scarlet, pkt., 15c; Violet, pkt., 15c; Purple, pkt., 15c.

**GIANT FLOWERED MIXED**—This is a mixture of the largest Zinnias; plants are of vigorous growth, about 3 feet in height and very profuse of bloom. The flowers are extremely double, and very brilliant in color. ¼ oz., 30c; pkt., 10c.

**DOUBLE CRESTED AND CURLED**—The flowers are large, the petals being twisted and curved into most graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnias. ¼ oz., 25c; pkt., 10c.

**DWARF DOUBLE MIXED**—Pkt., 5c; oz., 40c.

**CHOICE MIXED**—Pkt., 5c; oz., 25c.

## SWEET PEAS

**CULTURE**—The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. They are usually grown in double rows with a wire trellis or a row of brush between. Make a trench six inches deep; in this sow the seed plentifully 2 inches deep. As soon as the plants begin to show through, fill up the trench with soil. This will secure a deep planting without the bad effect of deep covering of the seed at first. As the flowers come in full bloom or fade, they should be cut off, for, if the pods are allowed to form they will stop blooming. **Remember**—First, Sweet Peas do best in rich, moist soil; second, do not loosen soil around the plants; third, plant seed in a warm sunny spot. A liberal use of bone fertilizer worked into the soil will give excellent results.

## Spencer Varieties

**THE SPENCER** type are very much larger than the ordinary varieties. The finest Sweet Peas yet developed are obtained in this class. All Spencers are very shy seeders and the price will always be much higher than for the old type.

The standard and wings are waved or frilled and the effect much more graceful and attractive.

We have listed below the best varieties and recommend them to all lovers of Sweet Peas.

**APPLE BLOSSOM**—Very large, standard rose, showing veins of deeper rose, wings light carmine on primrose ground. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**ASTA OHN**—Pure lavender with tint of pinkish rose, self-colored. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**COUNTESS SPENCER**—The original Spencer. Beautiful waved, very large, handsomely formed. Clear, bright pink. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**DOBBIE'S CREAM**—Deep cream or primrose colored, nicely waved, with an abundance of four-bloom sprays. Pkt., 25c.

**GEORGE HERBERT**—Large waved blossoms, bright rose carmine. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**HELEN LEWIS**—Blooms large, orange salmon with pink, especially bright orange standard. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**ILLUMINATOR**—A glorious orange-salmon Sweet Pea. In dull light the color appears to be a "flat orange-scarlet," but when in brilliant sunshine or under artificial light the color is completely changed. It appears to be a bright salmon-cerise, sparkling with orange. Pkt., 15c; oz., 40c.

**KING EDWARD VII**—Very large size, pure bright red or crimson scarlet. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**KING WHITE**—Produces gigantic flowers of an absolutely pure white, and is so distinct in growth and has so much more vigor than any other White Spencer that the variety may be told simply by the vine itself. The standard is of finest form, decidedly frilled and waved, and terminates beautifully at the throat. Wings large, waved and gracefully cover the keel. Pkt., 15c; oz., 40c.

**MARGARET ATLEE**—Rosy salmon pink on a creamy buff ground. The standard is large and wavy and inclined to double, under favorable conditions. The wings are equally large, wavy and well set. Pkt., 15c; oz., 40c.

**MARIE CORELLI**—Large size, brilliant rose crimson, self-color. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**OTHELLO**—Very large size, deep velvet maroon. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**PRIMROSE SPENCER**—Large, pure, light primrose yellow. The finest variety of this color. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**SENATOR**—Very large size, ivory white with flakes, splashes and stripes of chocolate, maroon and violet. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**STIRLING STENT**—A deep salmon colored flower; less influenced by weather than any other variety of its class. Pkt., 15c; oz., 40c.

**THOMAS STEVENSON**—Bright orange scarlet, almost a self. Pkt., 15c; oz., 40c.

**VERMILION BRILLIANT**—A brilliant scarlet Spencer of splendid form. The standard is very bold and beautifully waved. Pkt., 15c; oz., 40c.

**WEDGEWOOD**—A lovely self blue. Pkt., 15c; oz., 40c.

**WHITE SPENCER**—Large white seeded. The finest white and the most perfect of any in existence. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**SPENCER MIXED**—Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

## Harnden's Large Floweing Grandiflora Varieties

**AURORA**—Orange-rose, striped on a white ground.

**APPLE BLOSSOM**—Crimson pink, shaded white; wings white, shaded pink.

**BLACK KNIGHT**—Very deep maroon, shaded black.

**BLANCHE FERRY**—The popular pink and white.

**COUNTESS OF RADNOR**—Distinct beautiful shade of lavender.

**COUNTESS CADOGAN**—Little darker than navy blue.

**DAINTY**—White, daintily edged with pink.

**DOROTHY ECKFORD**—Magnificent pure white.

**DUKE OF WESTMINSTER**—Clear purple, tinted violet.

**DUKE OF SUTHERLAND**—Deep claret, standard; wings bright indigo blue.

**DOROTHY TENNANT**—Rose purple.

**FLORA NORTON**—Bright sky blue.

**FIREFLY**—Bright red.

**GORGEOUS**—Bright orange pink, shaded rosy lilac.

**HORACE J. WRIGHT**—Large size, standard violet maroon; wings violet.

**HON. MRS. E. KENYON**—Fine, large, clear primrose.

**JANET SCOTT**—A grand deep rich pink.

**KATHERINE TRACY**—Soft rosy pink, light edges, large flowers.

**KING EDWARD VII**—Dark bright crimson, large flowers.

**LADY GRISEL HAMILTON**—Large flower, distinct shade of lavender.

**LORD NELSON**—Deep navy blue.

**MISS WILLMOTT**—Brilliant orange-pink; very large.

**MRS. GEORGE HIGGINSON, JR.**—Delicate light blue.

**MRS. WALTER WRIGHT**—Rose purple, changing to blue when full matured.

**OTHELLO**—Deep velvety maroon. By far the finest of the dark-colored.

**PRIMA DONNA**—A magnificent pure pink.

**PRINCE OF WALES**—The finest bright rose.

**QUEEN ALEXANDRA**—Bright geranium red, almost pure scarlet.

**MIXED SWEET PEAS IN SEPARATE SHADES.**

For such as prefer to grow the various colors separate we have arranged the following mixtures of the finest named sorts.

**PINK SHADES**—Light to deep pink.

**RED SHADES**—Bright rose to dark scarlet.

**LAVENDER AND BLUE SHADES**—Pale lavender to mauve.

**PURPLE AND MAROON SHADES**—All the dark colors.

**WHITE AND PRIMROSE SHADES**—All the delicate tints.

### CHRISTMAS OR WINTER-FLOWERING.

#### SWEET PEAS.

A separate class that has become popular for greenhouse forcing. They start blossoming in from eight to twelve weeks from sowing and blossom uninterruptedly for weeks.

**CHRISTMAS PINK**—Pink and white.

**CHRISTMAS WHITE**.

**MRS. ALEXANDER WALLACE**—Lavender.

**MRS. WILLIAM SIM**—Salmon pink.

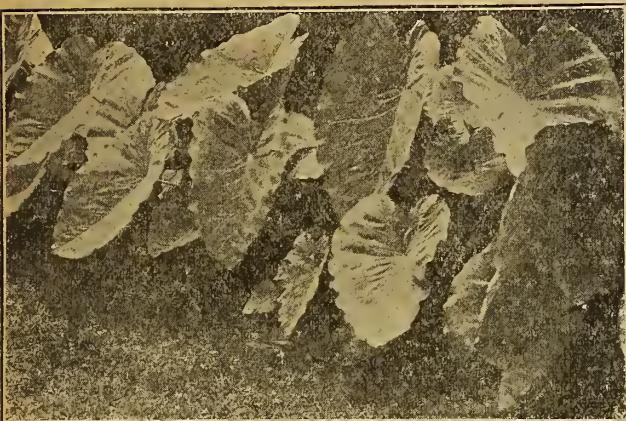
Any of the above: Pkt., 5c; oz., 15c; 2 ozs., 25c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.25.

### HARNDEN'S SPECIAL MIXTURE SWEET PEAS.

Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

### HARNDEN'S FINE MIXED SWEET PEAS.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c.



**CALADIUM ESCULENTUM.**  
(ELEPHANT'S EAR)



**MEXICAN TUBEROSE.**

## TUBEROSES.

**EXCELSIOR DWARF PEARL**—**Mammoth**—One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the middle of April, or as soon as the ground becomes warm.

**EXCELSIOR DOUBLE PEARL**—Extra large bulbs, 3 for 10c; 35c per doz.; \$1.50 per 100. If wanted by mail, add 12c per doz. extra.

## MEXICAN EVER-BLOOMING SINGLE TUBEROSES.

**POLIANTHES TUBEROSA MEXICANA**—These come from the high table-land of Central Mexico. They have tall, stiff stems, flowers pure white, single, delightfully fragrant. They withstand all kinds of wind and weather, save hard frosts, commence to bloom in May, and are a mass of white till cut down by frost. They never blight

and a mother bulb will send up from 10 to 15 flower stalks during the season. If the stalk is cut when the flower first opens and put in water, the flowers increase in size and whiteness and keep a week or ten days.

Mother bulbs with from 3 to 6 small bulbs around them, 4½ to 7 inches circumference, 15c each; \$1.25 per doz.; \$8.00 per 100.

Large bulbs, 2½ to 4½ inches circumference, 5c each; 50c per doz.; \$3.50 per 100.

**ARMSTRONG'S EVER-BLOOMING.** This variety blooms year after year and produces single pure white flowers of a fragrance similar to that of the "Jasmine." It makes a splendid cut-flower and should be in every one's garden. Each 7c; 4 for 25c; doz., 60c, postpaid; per 100, \$3.50, by express.

## AMARYLLIS.

The Amaryllis is a window garden plant, producing under the simplest conditions one, two or even three spikes two feet or more high, which are crowned with from three to six large trumpet-shaped blooms which last long in good condition.

**JOHNSONI**—The flowers of this magnificent variety are large and of fine crimson color, striped with white. Large bulbs, each 35c; prepaid, 40c.

**FORMOSSISSIMA**—Can be grown in water same as Chinese Narcissus. Blooms early. Deep crimson. Each, 15c; postpaid, 20c.

**BELLADONNA**—A fall blooming sort with beautiful shell pink flowers on stems 18 to 24 inches high. They are exceedingly fragrant and very free of bloom. Each, 25c; prepaid, 30c.

## TUBEROUS-ROOTED BEGONIAS.

Unexcelled for summer bedding, such as lawn beds and borders. They should be grown more extensively than they now are, for they require no more care than ordinary bedding plants.

**SINGLE SORTS**—White, Scarlet, Yellow, Pink. Each, 5c; 4 for 20c; doz., 50c; per 100, \$3.50.

**SINGLE MIXED COLORS**—Doz., 45c; per 100, \$3.00.

**DOUBLE SORTS**—White, Scarlet, Yellow, Pink. Each, 10c; 4 for 35c; doz., \$1.00; per 100, \$6.00; per 1,000, \$50.00.

## CALADIUM ESCULENTUM—Elephant Ear

For obtaining tropical effects in lawn and garden planting, this beautiful plant takes a prominent place. Grows well in any garden soil, but should have plenty of water and good, rich soil to obtain best results. Extra large bulbs, 40c each; \$4.00 per doz. First size bulbs, 25c each; \$2.50 per doz. Add 10c each for extra large, and 7c for first size, if to go by mail.

## GLOXINIA.

**GLOXINIA—New Giant Flowered Hybrids**—We know of no bulbous plants that will give such universal satisfaction as the Gloxinia. They are of unrivaled beauty, the soft velvety leaves being surmounted with a cluster of large, lovely, trumpet-shaped flowers of exquisite coloring. They are of the easiest culture and bloom continuously for months. Plant the bulbs in a 5-inch pot in good, rich light soil, and give a partially shady situation. Mixed colors, each, 10c; 3 for 25c.

## MADEIRA VINE.

One of the best and most popular climbers, not for the flower, which is insignificant, but for its leaves, which are small, dark green and very dense. Vine is of slender growth and will succeed in any location, doing best, however, in a sunny sheltered place. Not hardy. Strong tubers. Large roots. Each, 5c; 3 for 12c; doz., 40c; postpaid; 100 for \$2.50; per 1,000, \$20.00.



GLADIOLUS.

## MIXED HYBRIDS

### GROFF'S MIXED HYBRIDS.

These are the earlier hybrids of Mr. Groff and the size and colorings are really marvelous. Per doz., 30c; 100, \$2.00; per 1,000, \$18.00.

### GLADIOLUS IN COLORS.

|                                         | Doz.   | 100    | 1000    |
|-----------------------------------------|--------|--------|---------|
| Pink . . . . .                          | \$0.40 | \$2.50 | \$20.00 |
| Pink and White . . . . .                | .50    | 3.50   | 30.00   |
| Scarlet and Red . . . . .               | .30    | 2.00   | 18.00   |
| Scarlet with White Throat . . . . .     | .50    | 3.00   | 25.00   |
| Striped Shades . . . . .                | .50    | 3.00   | 25.00   |
| White and Light Shades, Extra . . . . . | .50    | 2.50   | 30.00   |
| Yellow Shades . . . . .                 | .60    | 4.00   | 35.00   |

## GLADIOLUS

A Choice Selection of the Very Finest  
Gladiolus Grown.

This class of summer flowering bulbs is doubly valuable for the brave field show of bloom, and for its generous supply of cut flowers. Gladiolus flowers last longer when cut than most any others flowers, and develop in water to a greater perfection than if left on the plant.

**GLADIOLUS** do best in a sunny location, a good sandy loam suits them best, they will do equally well in heavy soil if the drainage is perfect. Well rotted stable manure is the very best fertilizer. To get the best results the manure should be spread over the ground in the fall and dug in early in the spring by deep spading. Sheep manure is a good substitute and can be applied in the spring. Plant the bulbs 6 to 9 inches apart and from 2 to 4 inches deep, the large bulbs can be planted 4 inches and the small bulbs about 2 inches deep. If Gladiolus are wanted by mail, add 10c per dozen for postage. Single bulbs mailed without additional charge.

### AMERICA.

Conceded to be one of the finest varieties for cutting or bedding ever sent out; color a beautiful soft flesh-pink; orchid-like in its coloring and texture; growth and habit perfect. 5c each; 35c per doz.; \$2.00 per 100.

### AUGUSTA.

Splendid pure white with blue anthers. A lovely variety. Each, 5c; doz., 50c, postpaid. By express, not prepaid, doz., 35c; \$2.00 per 100.

### BARON HULOT.

Rich violet-blue. Each, 10c; doz., 75c; 100, \$5.00.

### HALLEY.

Salmon white blotched. Each, 5c; doz., 45c; 100, \$2.50.

### MAY.

A lovely pure white flower, finely flaked with bright, rosy crimson, superb spike. This variety is fine for forcing. Each, 5c; doz., 50c; per 100, \$4.00.

### MRS. FRANCIS KING.

A striking shade of light scarlet; one of the most effective both in the border and when cut. 5c each; doz., 50c; 100, \$3.75.

### PEACE.

Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes; a beautiful and exceedingly refined variety. 15c each; \$1.50 per doz.; \$12.00 per 100.

**DAHLIAS.**

do not seem to be appreciated, but there is no finer flower for late fall blooming, coming as they do at the end of the season with their bright colors they lend a cheery appearance no other flower can give.

**CACTUS DAHLIAS.**

The Cactus variety has long twisted petals of unusual charm and color, making this a distinct variety over the older sorts.

**AEGIER**—Bright vermilion crimson.

**COUNTESS OF LONSDALE**—Yellow, suffused salmon red, tinged violet. Each, 25c; doz., \$2.50.

**EARL OF BEMBROKE**—Rich, velvety plum.

**KRIEMHILDE**—Deep, rosy pink with lighter center. A distinct and valuable variety as the flowers keep a long time after cutting.

**LAWINE**—A magnificent flower of large size, white suffused blush. Each, 25c; doz., \$2.50.

**PINK PEARL**—Soft, rosy pink, and early and profuse bloomer. Each, 25c; doz., \$2.50.

**PRINCESS ISLE**—Crimson, tipped white.

**ROYAL SCARLET**—Very large deep scarlet.

**UNCLE TOM**—Dark Maroon, shaded black.

**YELLOW GEM**—A large light yellow.

**WHITE KRIEMHILDE**—A new pure white Kriemhilde. It is a strong, vigorous grower, and very profuse bloomer.

Prices, except where noted. Each, 15c; doz., \$1.50.

**DECORATIVE DAHLIAS.**

This type of Dahlia is readily recognized by their larger blossoms and flat petals; are largely used for cut flowers as their shipping qualities are superior to many of the newer type.

**BLACK PRINCE**—Crimson shaded, maroon.

**CLIFFORD W. BRUTON**—The best yellow. Immense size, perfect form. Finest canary yellow.

**DELICE**—Beautiful glowing rose-pink with long, stiff stems, which hold the flowers well above the foliage, when cut retains its freshness for a long time. One of the most valuable for cutting. Each, 25c; doz., \$2.50.

**FRANK L. BASSETT**—Purple shading, darker at center.

**GRAND DUKE ALEXIS**—White edged lavender, quilled petals.

**GOV. WILSON**—Bright glowing cardinal red, flowers large and profuse bloomers.

**HENRY PATRICK**—Large, pure white, long stems.

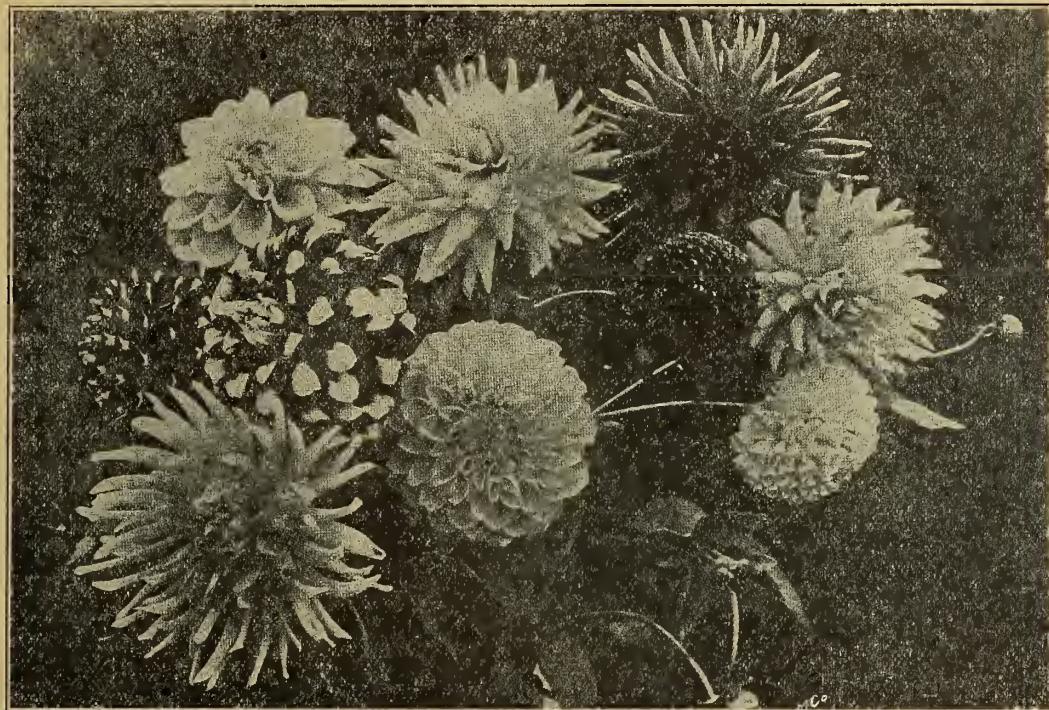
**JACK ROSE**—The best crimson for garden or cutting; the brilliant, crimson red that makes the Jack Rose popular.

**KAISERINE AUGUSTA VICTORIA**—Large snow white, early and a profuse bloomer. Each, 35c; doz., \$3.50.

**LYNDHURST**—One of the best bright scarlets; invaluable for cutting.

**MAID OF KENT**—Rich cherry red, tipped white.

**MISS MINNIE McCULLOUGH**—One of the most popular cut flower varieties now grown. Color soft yellow, overlaid with bronze; a beautiful autumnal tint.

**DAHLIAS.**

**NYMPHAEA**—The most delicately beautiful of the entire collection. Color clear, light shrimp pink, tinting lighter toward the center.

**SYLVIA**—Deep pink tinting to flesh pink, at center; large perfect form, on long stiff stems. One of the best for cutting or garden.

**WILLIAM AGNEW**—Very large, dazzling crimson scarlet. Early and profuse bloomer.

Prices, except where noted, each, 20c; doz., \$2.00.

**SHOW OR FANCY DAHLIAS.**

**ARABELLA**—Light sulphur yellow, shaded peach blossom on edges.

**A. D. LIVONI**—Beautiful soft pink, with quilled petals. The standard pink for cutting.

**GEORGE RAWLINGS**—Rich velvety maroon.

**JOHN WALKER**—Splendid snow white, perfect form free bloomer. 25c each; doz., \$2.50.

**PRINCESS VICTORIA**—The finest pure yellow show Dahlia, clear pure yellow of perfect form, borne on long slender stems, an early and profuse bloomer.

**PINK DANDY**—Deep cerise pink.

**QUEEN VICTORIA**—Deep, yellow, finely quilled.

**RED HUSSAR**—Richest dazzling cardinal red. The best red show for cutting.

**STORM KING**—Still the finest of all white show Dahlias. An extremely early, profuse and constant bloomer.

Prices, except where noted, each, 20c; doz., \$2.00.

**NEW CENTURY DAHLIAS.**

These magnificent single varieties are all of free branching habits, flowering early, profusely and continuously throughout the season.

**ALBA SUPEREA**—Beautiful pure white.

**CARDINAL CENTURY**—Very large, rich cardinal red.

**DELICATISSIMA CENTURY**—Very large with long pointed petals, white flushed pink.

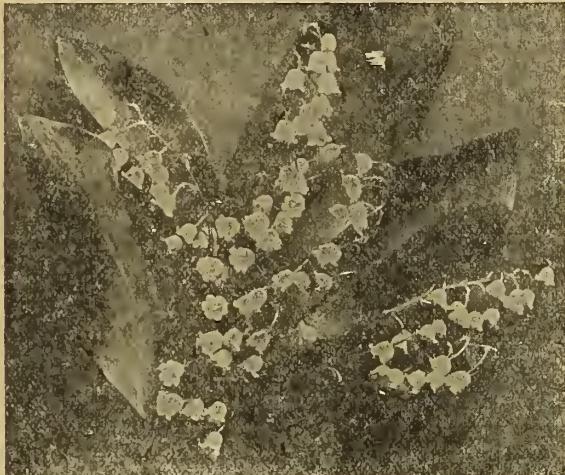
**ECKFORD CENTURY**—Probably the largest single Dahlia in existence; the immense flowers, pure white spotted pink and penciled crimson, are produced in abundance on long, stiff stems. Height, 5 feet. Each, 35c; doz., \$3.50.

**GLADYS**—Center of petals brilliant, rosy-crimson, with rose-pink band on either side and a snow white halo surrounding the yellow disc.

**WILDFIRE CENTURY**—Century size with the brilliant rich scarlet of the old Wildfire. Height 3 feet.

Prices, except where noted, each, 20c; doz., \$2.00.

**LILY OF THE VALLEY**—Its favorite spot in the garden is some cool, shady place, in deep rich soil—not too heavy. The root should be set about  $\frac{1}{2}$  inch apart and about 2 inches deep. For house culture put 6 to 12 crowns in a pot and place in the dark until rooted. Set the crowns an inch below the surface. Select large flowering, doz., 40c; 100, \$2.75.



LILY OF THE VALLEY.

## LILLIES

**LILLIES**—The Lily, with eminent propriety, has been styled the “Queen of Flowers,” and no flower is more expressive of the queenly beauty and faultless purity than the lily. Their culture is simple, and with little care success is certain. They should be planted in the spring as soon as frost is out of the ground; in a well-drained spot, dig the soil deep, enrich it well, adding a liberal supply of sand. Set bulbs 4 to 6 inches deep. A bed once established should not be disturbed oftener than once in four or five years. If to go by mail, add 5c each.

**LILUM AURATUM (Mammoth Bulbs)**—The glorious gold-banded Lily of Japan, and one of the grandest plants in cultivation. Its immense ivory flowers are thickly studded with yellow and crimson spots, while in the cen-



PEONIES.

ter of each petal is a golden band, fading at the edges into white. Each, 30c; 3 for 65c; per doz., \$3.00. Largest size.

**SPECIOSUM ALBUM**—Pure white flowers with a greenish band through the center of each petal. They are of great substance and very fragrant. One of the best for general culture. 25c each; \$2.50 per doz.

**LILUM SPECIOSUM RUBRUM**—The famous Japan Lily. No words can overstate the brilliant beauty of this charming flower. Its six broad white or pink petals are thickly dotted with rose or carmine spots and the graceful form, brilliant color and exquisite fragrance make this one of the most effective and desirable of the lily family. Height out doors in the open usually two to four feet. Can be planted in spring if received too late in fall. 20c each; 3 for 50c; \$2.00 per doz.

**TIGRINUM SPLENDENS (Improved Single Tiger Lily)**—Has very large flowers of excellent form; color, orange-salmon with dark spots. Height out doors in the open usually three to six feet. Each, 15c; per doz., \$1.50.

## PEONIES

**PEONIES**—Especially the modern introductions, are probably the most valuable, and most beloved of all perennial plants. Planted in sun or semi-shade, in single clumps or long beds; or bordering lawns, shrub rows, and carriage drives, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage which is very ornamental during summer months. They are also most effective for home and table decorations, and last longer in water than many other perennials. Avoid buying cheap peonies, they require just as much care as the better kinds, and are disappointing in the end.

Unless otherwise noted, price, 35c each; 3 for \$1.00; per doz., \$3.50. If by mail add 5c each; 10c for 3; 25c per dozen.

### PINK VARIETIES.

**ALEXANDER DUMAS**—Light violet rose, of medium size. A creamy-white collar of narrow petals mingled with the white outer petals. A fine cut flower variety and a good producer. Early midseason.

**EUGENE VERDIER**—Delicate flesh pink, very tall, free and very beautiful. Midseason.

**FLORAL TREASURE**—Color pale lilac-rose, large and showy midseason, extra good, one of the best commercial blooms.

**EDULIS SUPERBA**—Bright mauve pink collar mixed with lilac, fragrant, strong upright stems, free bloomer, early, one of the best commercial pinks.

### RED VARIETIES.

**FELIX CROUSSE**—Large, compact, and typical bomb-shaped red, dazzling in the brilliancy of its color; it is in fact, the best red Peony. Free midseason blooming and quite fragrant.

**MEISSONIER**—Broad outer petals, brilliant purple amaranth, inner petals crimson, free bloomer.

**OFFICINALIS RUBRA PLENA**—This is the old fashioned red, the most brilliant of all red Peonies. Early and splendid cut flower.

### WHITE VARIETIES.

**FESTIVA (Drop White)**—True, large, full, double; creamy white with crimson spots in center. Dwarf. Late.

**FESTIVA MAXIMA**—The best known Peony. Flower of immense size—7 to 8 in. in diameter—snow white with some red spots on the edge of the center petals. Very sweet. Early.

**QUEEN VICTORIA**—Guard petals milk white, tinted flesh, center creamy white with crimson spots, large globular flower, on stems of medium height, free bloomer, midseason.



**BLACK PRINCE.**

All have green foliage unless otherwise specified. Prices on varieties listed below, 10c each; 3 for 25c; per doz., 75c. If by mail, add 10c per doz.

**BLACK PRINCE**—Deep brilliant red. 3 to 5 feet.

**DUKE OF MARLBOROUGH**—Very deep crimson; fine individual blooms in large trusses; 4 feet.

**FLORENCE VAUGHAN**—Bright, rich golden yellow, spotted with red; of large size and perfect form; 4 feet.

**MME. BERAT**—A first-class pink bedder; 4 feet.

**MME. CROZY**—The popular golden-edged scarlet; 4 feet.

**MEPHISTO**—The darkest crimson yet introduced, flowers of good size; 3½ feet.

**MONT. BLANC IMPROVED**—Very large, creamy-white flowers; 3½ feet.

**RICHARD WALLACE**—A pleasing canary-yellow with exceptionally large flowers, which are carried well above the foliage; one of the best yellow bedders; 4½ feet.

**SHENANDOAH**—A reddish bronze foliage variety with trusses of small salmon pink flowers, which show to the best advantage during the coolness of late fall. On good soil this Canna grows 4 or 5 feet in height.

**WEST GROVE**—A strong and vigorous plant, producing large trusses of soft carmine pink flowers of medium size. A Canna growing in popular favor by all Canna growers; 3 to 5 feet.

**COMMON AND MIXED VARIETIES.**

Not named. Each, 5c; 3 for 10c; 50c per doz; \$2.50 per 100. If by mail, add 10c per doz.

**CANNA PLANTS.**

Named varieties, each, 15c; 4 for 50c; \$1.25 per doz. If by mail, add 2c each.

**CANNAS**

No other bedding plant will give the same uniform good results in our varied and trying climate. They do well in all sections of the country, and stand pre-eminently at the head of the list, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded two feet deep and a liberal amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect plant in large masses of one color, setting out the plants 2 feet apart.

Price—Any of the following varieties, except where noted, 15c each; \$1.25 per doz.; \$8.00 per 100. One each of the 8 sorts for \$1.00.

**ITALIAN OR ORCHID-FLOWERED CANNAS.**

Of the many orchid-flowered Cannas introduced, those offered below are the most distinct and desirable. The habit of growth of all is remarkably vigorous, attaining a height of 6 to 8 feet, while their flowers frequently measure over 6 inches across.

**ALLEMANIA**—Pleasing dark salmon with golden markings.

**AUSTRIA**—Pure canary-yellow; fine large open flowers, with few reddish dots in the center of the two inside petals.

**BURBANK**—5 ft. Green foliage. The flowers are gigantic in size. Toward the inner part the petals show fine crimson spots; all the rest of the flower is of a rich canary-yellow.

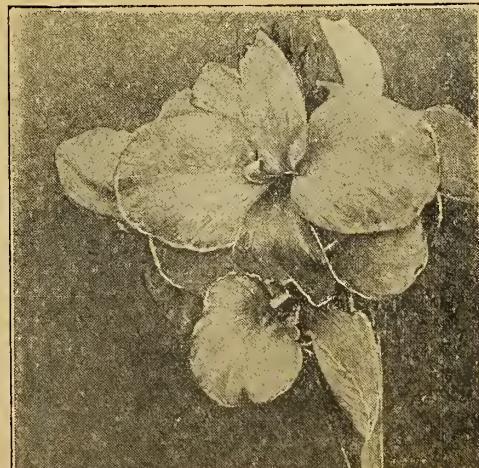
**ITALIA**—Bright orange-scarlet, with broad golden-yellow border; the flowers are held well above the massive foliage.

**KING HUMBERT**—In this grand Canna we have a combination of the highest type of flowers with the finest bronze foliage. Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange-scarlet with bright red markings; foliage broad and massive, of a rich coppery-bronze; 5 feet.

**MRS. KATE GRAY**—A gorgeous Canna; of intense scarlet, very often the large rich showy blossoms are streaked with orange. One of the most dazzling of the green foliage type.

**PENNSYLVANIA**—Intense vermillion-scarlet, overlaid with an orange sheen; foliage rich green.

**WYOMING**—Bronzy-purple foliage, with immense spikes of massive orange flowers.



ITALIA.



AQUILEGIA (Columbine).

## Perennial Flower Seeds and Plants

### ACHILLEA.

Free flowering plants of easy culture for the mixed border, very suitable for cutting. Per plant, 15c; doz., \$1.50.

### ALYSSUM.

(Madwort)—Saxatile Compactum (Basket of Gold)—1 ft. May-June. Greatly prized for its masses of brilliant golden yellow flowers. Per plant, 15c; doz., \$1.50; seed pkt., 10c.

### ANEMONE.

(Wind Flower)—Very pleasing hardy plants for the herbaceous border. Fine large flowers, few plants compare with them in beauty. Excellent for bouquets and table decorations. Per plant, 15c; doz., \$1.50.

### AQUILEGIA.

(Columbine)—The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage, and are highly prized for cutting. Seed pkt., 10c; per plant, 15c; doz., \$1.50.

CHRYSANTHA—3 ft. Bright yellow, long spurred. Seed pkt., 10c; per plant, 15c; doz., \$1.50.

GRANDIFLORA ALBA—3 ft. Large flowering, pure white, long spurs. Seed pkt., 10c; per plant, 15c; doz., \$1.50.

COERULEA (Rocky Mountain Columbine)—3 ft. One of the most beautiful of our native American flowers. Sepals, deep blue; petals, white. Seed pkt., 10c; per plant, 15c; doz., \$1.50.

### COREOPSIS.

(Tickseed)—June to October.

LANCEOLATA—2 ft. Large orange-yellow flowers, much prized for cutting. Per pkt., 10c; per plant, 15c; doz., \$1.50.

### GAILLARDIA GRANDIFLORA COMPACTA.

Is a very satisfactory hardy plant; begins to bloom in early summer and blooms until frost; brownish red center; petals shaded into rings of orange, crimson and red. Long stems, fine for cutting; perfectly hardy. Per plant, 15c; per doz., \$1.50. Seed per pkt., 10c.

### DIGITALIS.

(Fox Glove)—An old fashioned plant that furnishes a grand display of thimble shaped flowers in immense spikes during July and August. Assorted, per plant, 15c; per doz., \$1.50; seed per pkt., 5c.

### DIELYTRA.

(Bleeding Heart)—One of the most beautiful hardy border plants. Flowers in early spring with rose-colored heart-shaped flowers on under side of stem. Perfectly hardy. Per plant, 20c.

### HOLLYHOCK.

For planting among shrubbery or forming a background for other flowers it has no equal. The Hollyhock requires a deeply dug, well-drained soil. Double white, double yellow, double maroon, double rose, double red, double mixed. Per plant, 15c; doz., \$1.50; seed pkt., 10c.

### JAPANESE IRIS.

(Iris Kaempferi)—These magnificent Iris are among the most beautiful of summer flowering plants, and are becoming more popular every season. They commence blooming about the middle of June and continue for 5 or 7 weeks. The flowers of most varieties are of immense size and rival the Orchids in their rich colorings. Extra choice varieties mixed. Per plant, 15c; doz., \$1.50.

### GERMAN IRIS.

(Iris Germanica)—The German Iris is one of the most desirable of early spring flowering plants. The flowers are of large size and exquisite colors. No garden is complete without a collection of these beautiful so-called "Flags." Unnamed mixed colors. Per plant, 10c; doz., \$1.50.

### LARKSPUR.

(Delphiniums)—These are deservedly popular plants of easy culture, perfectly hardy. They will establish themselves in almost any garden soil, but love best a well enriched, deep soil and sunny positions, and do best planted in the early spring. Cut out the old flower spikes as soon as they have finished flowering, and an almost continuous display of bloom will be the result.

CHINESE—A distinct and very pretty variety with fine feathered foliage and large open panicles of flowers. We offer these in the blue, white and lavender. Seed per pkt., 10c; per plant, 15c; doz., \$1.50.

FORMOSUM—The old favorite dark blue with white center. Grows almost 3 feet high, vigorous and free flowering, and one of the best. Seed per pkt., 10c; per plant, 15c; doz., \$1.50.

COELESTINUM—A variety of the Formosum and one of the handsomest of the Larkspurs. A charming, delicate blue. Seed per pkt., 10c; per plant, 15c; doz., \$1.50.

### HARDY PHLOX.

No plants of the hardy perennial class are of more importance than the Phloxes. They may be used as borders or massed together, but still with the same pleasing effect as to make the Hardy Phlox a necessity to every hardy garden. Seed per pkt., 10c; plants, 15c; doz., \$1.50.

B. COMTE—Brilliant French purple with crimson-carmine shadings. A fine dark variety.

DIADEM—A fine dwarf, pure white.

ECLAIREUR—Tall. Brilliant rosy magenta with lighter center, large flowers.

HENRY MARCEL—A dwarf, pure red with very bright salmon shadings.

INDEPENDENCE—An extra fine, large flowered, early white, tall growing.

MAD. P. LANGIER—Bright geranium red, vermillion center; a fine spike. A handsome tall growing variety.

PANTHEON—Deep salmon-rose, very fine.

R. P. STRUTHERS—Rosy carmine with scarlet red eye; very bright.

THE PEARL—Not a new variety, but always scarce, it being possibly the best pure white.

G. A. STROHLEIN—Glowing orange-scarlet with blood-red eye; immense heads.

### TRITOMA PFITZERI.

An improved type of more perfect form, and showing a marked predominance of scarlet, the opened lower petals merely being rimmed with orange. Each, 20c; per doz., \$2.00.

### SWEET VIOLET PLANTS.

Hardy. Field grown. Clump, 15c each.



## FIELD GROWN TEA and HYBRID TEA ROSES

**Price**—Any of the roses below in strong, two-year-old plants, unless otherwise noted, 35¢ each; \$3.50 per doz.

**CLOTHILDE SOUPERT**—A most satisfactory pot and bedding rose. Its charming coloring, shading from pearly white to purest rose; double blossoms; delightful fragrance.

**GRUS AN TEPLITZ**—One of the brightest colored roses grown, when first opened it is dark rich crimson, changing to bright scarlet, shading to fiery red; blooms continually.

**HERMOSA**—A well-known old favorite, bright double pink, always in bloom.

**KAISERIN AUGUSTA VICTORIA**—As hardy as any of the Hybrid Tea Roses, and blooms from early spring until late frosts, fully as free blooming as any Tea Rose. Color, delicate creamy white, large, full double flowers and very fragrant.

**KILLARNEY (The New Hardy Everblooming Irish Hybrid Rose)**—A native of the north of Ireland. Strong upright bush, with beautiful deep bronze-green foliage; free flowering, bearing its massive flowers on long stiff stems. In color, exquisite shade of deep, brilliant shell pink. Delightful tea fragrance, a continuous bloomer,

**LA FRANCE**—The most perfect type of a cut flower rose, delicate silvery rose, shaded with pink flowers continually throughout the season.

**MAMAN COCHET, WHITE**—Snow white, sometimes tinged with the faintest pink. Hardy with but slight protection.

**MAMAN COCHET, PINK**—A valuable pink bedding variety with rich healthy foliage and large flowers on long, straight stems; deep rosy pink.

**RICHMOND**—Clean, strong growing variety, producing uniformly long, fine flower stems. Flowers are borne freely, beautifully shaped and brightly colored in pure dark scarlet crimson.

**SUNBURST**—A truly great rose which is now classed with the American Beauty and Killarney. It rivals Mrs. Aaron Ward, being a rich coppery yellow of good size and form. Is a strong grower and having long, strong stems, is very fine for cut flowers.

## HYBRID PERPETUAL ROSES

**ROSES** may be grown in any open, sunny position, if possible sheltered from north winds and clear of all roots and shrubs. The best soil for roses is sod from an old pasture and well rotted cow manure. Dig the bed deep and if drainage is imperfect it must be provided for, as Roses will not do well unless the ground is well drained. Spring is the best time for planting. Throughout the summer the surface of the soil should be cultivated weekly. The Tea and Hybrid Tea varieties can be set 18 inches apart and the Hybrid Perpetual varieties, 2 feet apart.

Several years have proven the following varieties of Roses to be perfectly hardy in this climate.

**Price**—Unless otherwise noted, strong, two-year-old plants, 35¢ each; 3 for \$1.00; \$3.50 per doz.

**ALFRED COLOMB**—Extra large cherry red flowers, very free blooming.

**AMERICAN BEAUTY**—The largest, sweetest and best of all hardy roses; a genuine hardy ever-blooming rose; color rich crimson; its fragrance is wonderfully sweet.

**WHITE AMERICAN BEAUTY**—A counterpart of the Red American Beauty, except in color; perfectly hardy everywhere; pure paper white, with bright, heavy foliage and strong growth. The bloom is perfect in form, on long stems.

**BARON DE BONSTETTIN**—Rich, dark red passing to deep velvety maroon, double and full.

**CLIO**—Flesh color, shaded in the center with rosy pink; large and of fine form.

**COQUETTE DES BLANCHES**—Large, full, finely formed flower; color white, sometimes faintly tinged with pale blush; profuse bloomer.

**GENERAL JAQUEMINOT**—Rich velvet crimson, changing to scarlet crimson. A magnificent rose and well known.

**MARSHAL P. WILDER**—A rose of unusual excellence; flowers large, color bright cherry red, changing to crimson.

**MME. GABRIEL LUIZET**—Pink or coral-rose, large and very double, of good form and substance. A very splendid variety, full cupped and very sweet.

**MAGNA CHARTA**—Deep pink, large sweet scented and of fine form, one of the hardiest roses in cultivation and commonly planted.

**MRS. JOHN LAING**—A grand, useful rose. Large, beautiful pink blooms, borne on long sturdy stems; the gem of the lot.

**PAUL NEYRON**—The largest flowers in cultivation and one of the most prolific bloomers; color, deep, clear rose, very fresh and attractive. The plant is an exceptionally good grower, making straight shoots 4 to 5 feet high in one season, and each shoot tipped with an immense flower, often 5 inches in diameter.

**PRINCE CAMILLE DE ROHAN**—Very dark crimson, changing to intense maroon.

**SOLIEL D'OR (Golden Sun)**—A new hardy yellow rose, thoroughly distinct in habit of growth; color a blending of reddish gold, orange, yellow nasturtium, red and pink, not found in any other rose, from which it derives its name, "Golden Sun." A strong, robust flower; petals well incurved, forming double flowers. The colors of this rose are not found in any other flower.

**ULRICH BRUNNER**—Cherry crimson, large fine form, a good garden and exhibition rose, very strong grower and hardy.

If to go by mail add 10¢ per plant for postage.

## HARDY CLIMBING OR RAMBLER ROSES

Since the introduction of the Crimson Rambler, in 1894, this class of roses has continued to gain in popularity. Many splendid new varieties, both in single and double-flowering forms, have been added during the past few years.

### AMERICAN PILLAR.

A new climber of vigorous habit. The enormous single flowers, sometimes measuring 3 inches across, are borne in large clusters and are produced with the greatest freedom fairly covering the bush. Color is a delightful shade of rose pink. Broad, glossy, deep green foliage. In the fall the flowers are followed by clusters of red berries. Each, 50c; doz., \$5.00.

### CLIMBING AMERICAN BEAUTY.

A new rose of great merit. A cross between American Beauty and an unnamed seedling; color a rosy crimson, similar to its popular parent, and with the same exquisite fragrance, a quality rarely found in climbing roses. The plant is of strong habit of growth, making shoots from ten to fifteen feet in one season, and as hardy as an oak. The flowers are from three to four inches in diameter, of fine form, and are produced in great profusion, not only in May and June, but there is a fair sprinkling of flowers throughout the growing season. Each, 50c; doz., \$5.00.

### BALTIMORE BELLE.

Double Blush White; large clusters covering plant with bloom. Each, 35c; 3 for \$1.00; doz., \$3.50.

### CRIMSON RAMBLER.

The Crimson Rambler is the most popular of the Rambler varieties. It begins to flower about the middle of June and remains in flower longer than any other hardy out-door rose. It blooms in large cluster, with from 50 to 100 in a cluster, covering the vine its entire length with a solid mass of the most beautiful and perfectly shaped miniature crimson blossoms. It is vigorous in growth often making shoots 10 to 12 feet long in one season. May be grown in any position. Pegged down to the ground in beds, trained to porch pillars, the side of a building, or on trellises. Each, 35c; 3 for \$1.00; doz., \$3.50.

### DOROTHY PERKINS.

Properly classed as a climbing rose; sweet scented, hardy and vigorous; a profuse bloomer; flowers double, bloom in clusters of from six to ten, with crinkled petals; buds pointed. Color a beautiful shell pink, lasting a long time without fading. Each, 35c; 3 for \$1.00; doz., \$3.50.

### EVERBLOOMING CRIMSON RAMBLER.

(Flower of Fairfield)—A sport from the famous Crimson Ramblers, same climbing habits and hardiness. Has immense trusses of bloom similar in color, but more brilliant and lasting. It blooms profusely on the young wood in its first year. It starts blooming in early spring and continues to bloom until late in the autumn. It is rightly termed perpetual bloomer. Each, 50c; doz., \$5.00.

### LADY GAY.

A most desirable variety of remarkable, vigorous growth, with flowers of a delicate cerise-pink, passing to soft-tinted pink. The effect of a plant in full bloom with the combination of the soft pink flowers, cherry-pink buds, and the deep green of the foliage is indeed charming. Each, 50c; doz., \$5.00.

NOTE—Our stock is 2 years old, hardy, outdoor grown and should not be confused with roses sold for 10c.

### TAUSENDSCHECHEN.

Entirely distinct, not only in Ramblers, but in climbing roses generally. The individual flowers are very large for this type of rose, being fully 3 inches across and of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delightful shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses of from 10 to 15 flowers, each truss a veritable bouquet. Each, 50c; doz., \$5.00.

### WHITE RAMBLER.

A worthy companion for the other Ramblers. Same in habit of growth, form and flowers. Perfectly hardy; flowers borne in good-sized clusters. The pearly white flowers contrast nicely with those of the Crimson Rambler, and makes a beautiful display when planted together. Flowers are quite fragrant and last a long time after being cut. Each, 35c; 3 for \$1.00; doz., \$3.50.

### YELLOW RAMBLER.

The one yellow hardy climbing rose, and beautiful when in bloom, whether planted by itself or grouped with other Ramblers. Flowers yellow, borne in clusters. Each, 35c; 3 for \$1.00; doz., \$3.50.

## Baby Rambler and Polyantha Roses

A type of Roses which is very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost immense trusses of small flowers.

Any of the following Roses in strong, two-year old plants, each, 40c; doz., \$4.00:

### CRIMSON BABY RAMBLER.

The very best bedding Rose in existence. It originated in Orleans, France, from a cross of the Crimson Rambler and a Polyanthus variety, and it may be called a perpetual blooming dwarf Crimson Rambler. The bush is vigorous, absolutely hardy, about 27 inches in height. Sometimes as high as 120 flowers have been counted on a single panicle.

### MRS. CUTBUSH.

(Cerise-pink Baby Rambler)—Identical in color to the beautiful Lady Gay Rambler; always in flower.

### PINK BABY RAMBLER.

(Anchen Muller)—Large clusters of brilliant rose flowers; the edges of the petals are wavy, giving it a peculiarly graceful form.

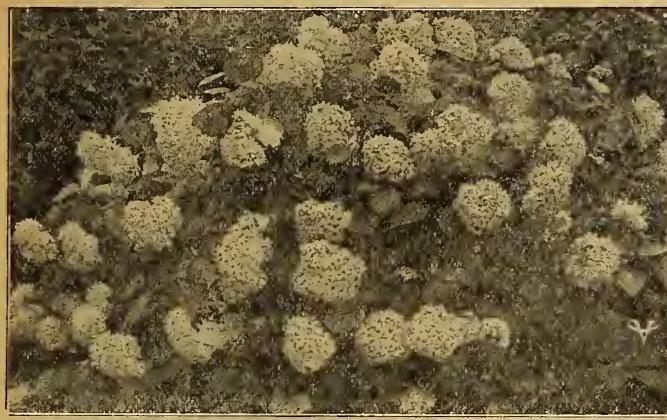
### WHITE BABY RAMBLER.

(Katherina Zeimet)—Pure white flowers, showing the yellow stamens very prettily.

### CLOTHILDE SOUPERT.

One of the freest-flowering Polyantha Roses, producing in clusters beautiful perfectly double flowers of a French-white, deepening to rosy-blush in the center, deservedly popular.

## HARDY ORNAMENTAL SHRUBS



HYDRANGEA PANICULATA GRANDIFLORA.

All shrubs offered below are two or more years old, transplanted. Prices are f. o. b. at express office, Kansas City, Mo., but not prepaid.

## ALMOND.

Very desirable for early flowering shrubs. White and rose. Each, 35c.

## ALTHEA.

(Rose of Sharon)—Produces its large Camellia-like flowers from mid-summer until frost, when few other shrubs are in bloom. White, pink, red and purple. Each, 35c.

## BARBERRY.

(Thunbergiana)—Dwarf, neat, and dense of growth, yet graceful because of its drooping branches. Yellow flowers are followed by vivid scarlet fruits, the foliage changing in fall to scarlet and gold. Each, 25c; doz., \$2.50.

## CRAB.

(Bechtel's Double Flowering)—Most beautiful of all the flowering Crabs; hardy. Trees of medium size are covered in early spring with large, beautiful double fragrant flowers resembling small roses of a delicate pink. This is the ideal lawn tree for a small yard. 3 to 4 ft., extra fine. Each, \$1.00.

## CYDONIA JAPONICA.

(Japanese Quince)—An old esteemed variety, having a profusion of bright coral red flowers; early in spring; very desirable for hedge. Each, 45c.

## CALYCANTHUS.

(Sweet Scented or Allspice)—A handsome shrub; flowers purple, with an exquisite flower and wood fragrance. Each, 45c.

## DEUTZIA.

(Pride of Rochester)—Early spring flowering shrub, with long, graceful spikes of white flowers from every bud or eye; handsome lawn shrub. Each, 35c.

## DESMODIUM.

A nice shrub; flowers in September; has sweet pea shaped flowers; rose and white. Each, 35c.

## FORSYTHIA.

(Virgissima)—Graceful drooping plant, with bright yellow sprays of flowers. Each 35c.

## TREE-SHAPED HYDRANGEAS.

These are fine tree-shaped plants three or four years old, with about 3 feet of straight stem; nicely shaped heads. Each, 75c.

## HYDRANGEA PANICULATA GRANDIFLORA.

Blooms profusely from July until frost, in immense white panicles, often measuring 10 to 12 inches, gradually changing to rose color. Large plants, each, 45c.

## LILAC.

(Persian)—Purple and white. Each, 35c.

The planting of shrubs and shade trees adds to the beauty of the home surroundings, whether city residence or country home. The effect produced in future years should not be lost sight of by anyone desiring to increase the value of property. Planting time is spring or fall.

## PHILADELPHUS

(Mock Orange)—Vigorous growing shrubs, with fine pure white flowers, and bright, handsome foliage. Each, 35c.

## PLICATUM.

(Japan Snowball)—Used extensively for decorating. Flowers pure white, large balls frequently borne in clusters of five or six. Each, 35c.

## WEIGELA.

Beautiful shrubs, bloom June and July; very desirable for border or grouping. Double white

## Spireas

## ANTHONY WATERER.

A valuable and distinct variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. 35c each.

## PRUNIFOLIA.

(Bridal Wreath)—A favorite variety and one of the best; it is a beautiful shrub of medium size with double white flowers in May. 35c each.

## THUNBERGII.

One of the most charming of all low-growing shrubs, with fine delicate foliage, and a profusion of small white flowers in spring. 35c each.

## VAN HOUTTEI.

The grandest of all the white Spireas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 white florets make up the raceme, and are set close along the drooping stems. 35c each.

## CATALPA BUNGEI.

(Umbrella Catalpa)—Grafted on stems 6 to 8 feet high, it makes an umbrella-shaped top without pruning. Perfectly hardy, and flourishes in almost all soils and climates. Leaves large, glossy, heart-shaped, deep green, lie like shingles on a roof; always making a symmetrical head. One of the most unique trees; desirable for lawn, park and cemetery planting. Large trees, \$2.50 each.

## MAGNOLIA.

Handsome beyond description. Their great white, pink and purple cups open in great profusion before the leaves of other trees appear; leaves tropical in size and appearance. One of the most beautiful species of flowering trees. Should be planted in the spring. Each, \$2.50.

## Hedge Plants

## CALIFORNIA PRIVET.

(Ovalifolium)—The great hedging plant, conceded the best plant for hedging purposes. Remarkable for the beauty of its evergreen foliage and strong, regular, symmetrical growth. Foliage dark green, very glossy and wax-like; hardy everywhere. Better than Boxwood. Large Plants: One year old—10c each, 25 for \$2.00; \$5.00 per 100. Two years old—15c each, 25 for \$3.00; \$8.00 per 100.

Sheared into compact shape these Box Trees make beautiful specimen plants in any form and can be used for all decorative purposes. The Bush plants can also be used with telling effect for window boxes.

## PYRAMIDAL SHAPED—3 to 3½ feet high. Each, \$4.00; pair, \$7.50.

STANDARD OR TREE SHAPED—Round ball shape on 18 to 22 inch stem. Each, \$4.00; pair, \$7.50.

BUSH SHAPED—18 to 22 inches high. Each, \$1.25; pair, \$2.25.

GLOBE OR BALL SHAPED—18 inches in diameter. Each, \$4.50; pair, \$8.50.

See Page 70 for Cedar Plant Tubes.

## HARDY ORNAMENTAL CLIMBING VINES

Flower lovers readily understand how valuable are vines and climbers, when properly used, when beautifying the home grounds. There is such a varied number of climbers which may be used for covering stone chimneys, trellis, arches and porches. Among these are the Clematis, Roses, Honeysuckles and Chinese Wisteria. Then we must not forget the Trumpet and Kudzu Vines when a screen effect is desired.

### ARISTOLOCHIA RADICANS.

(Dutchman's Pipe)—Hardy vine of rapid growth, large heart-shaped leaves and brown flowers, resembling a small pipe. **Each, 50c.**

### AMPELOPSIS VEITCHII.

(Boston Ivy)—One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it smoothly with overlapping foliage. **25c each; doz., \$2.50.**

### BIGNONIA GRANDIFLORA.

(Trumpet Vine)—Clings to bark or walls; fern-like foliage, orange scarlet; trumpet-shaped flowers. **Each, 25c; doz., \$2.50.**

### CINNAMON VINE.

From the Oriental land; is one of the most charming climbers, and will quickly surround your arbor, window or veranda with a wonderful profusion of vines, covered with handsome, glossy, heart-shaped leaves and sweet-scented flowers, making it a perfect bower of beauty—thriving everywhere and once planted will grow for many years. The vines often run 25 to 40 feet. Beautiful, hardy, entrancingly fragrant. Grows in shade or sun, wet or dry. No insects ever trouble, no winter harms. Once planted will grow a lifetime. **Large roots, 10c each; 3 for 25c; doz., 75c, prepaid.**

### CLEMATIS.

For house fronts or pillar vines, nothing can surpass the Clematis in grandeur and in beauty.

The roots are perfectly hardy, although the tops die down to the ground every fall. In planting the roots the ground should be dug very deep.

**The roots we offer are all three years old.**

**JACKMANNI**—Probably the most beautiful climber in cultivation, with rich, deep, velvety purple flowers. **Three-year-old roots, each, 60c; prepaid, 75c.**

**HENRYI**—A strong grower; flowers from 4 to 5 inches in diameter and pure white. **Three-year-old roots, each, 50c; prepaid, 65c.**

**COCCINEA**—Rich, scarlet tubular flowers. **Each, 35c; prepaid, 45c.**

**PANICULATA**—This is a valuable Japanese introduction; one of the finest additions to our list of hardy climbers; a very strong, vigorous plant and as easily grown as the common. **Each, 35c; prepaid, 40c.**

### CHINESE KUDZU VINE.

(Jack and the Bean Stalk Vine)—A vine that will grow and flourish where nothing else will. Invaluable for covering fences, porches, old dead trees. It's large, bright green leaves afford a dense shade. It is hardy and will last for many years. **Each, 25c; doz., \$2.50.**

### HONEYSUCKLE.

(Halleana)—White, sweet scented. **35c each; 3 for \$1.00; not prepaid.**

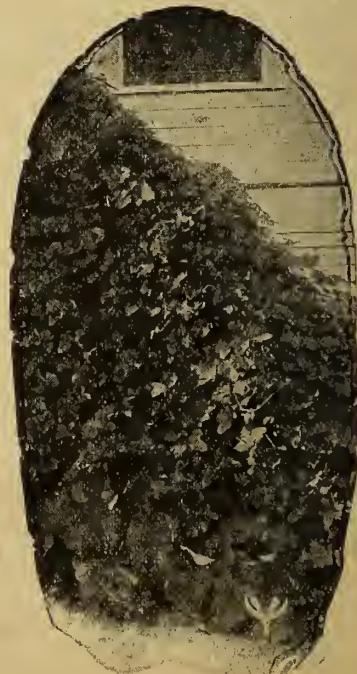
**MONTHLY FRAGRANT**—Red and yellow, very fragrant; blooms all summer. Leaves tinged with reddish color. **25c each, 3 for 60c; not prepaid.**

### CHINESE WISTERIA.

Beautiful climber of rapid growth, producing long pendulous clusters of pale purple flowers; is very hardy. **Each, 50c; not prepaid.**



CLEMATIS PANICULATA.



CHINESE KUDZU VINE.

# BERRIES and SMALL FRUIT

## BLACKBERRIES.

Per doz., 50c; per 100, \$2.50, not prepaid.

**SNYDER**—Extremely hardy, enormously productive. Medium size. Only half as many thorns as a Lawton or Kittatinny. One of the most prolific varieties grown.

**ELDORADO**—The berries are very large jet black, borne in large clusters, and ripen well together. Very sweet and melting. Have no hard core.

**MESEREAU**—Mammoth early iron clad hardy berry. Exceptionally sweet and melting. Being without core. Large yielder.

## RASPBERRIES.

Per doz., 50c; per 100, \$2.00; 500, \$8.00; per 1,000, \$15.00, not prepaid.

**KANSAS BLACKCAP**—An old favorite and one of the best home varieties. Medium size, vigorous grower.

**CUMBERLAND**—The largest of all Blackcaps. Healthy, vigorous grower, throwing up stout, stocky, well branch canes, that produce immense crops of magnificent berries. Fruit very large, quality fine. Good market berry and good shipper.

**CUTHBERT OR QUEEN OF THE MARKET (Red)**—A remarkably strong and hardy, medium variety. Very large and rich crimson color.

**MILLER (Red)**—Extremely hardy and one of the easiest to ripen. Very productive and has an attractive deep red color.

**ST. REGIS (Red)**—An early variety and wonderfully prolific. The first or main crop being far greater than that of any other variety known. It succeeds upon all soils, and the canes are absolutely hardy. It fruits on the old canes in generous quantities until late in August. By that date berries begin to ripen upon the young cane which continue to produce berries in increasing numbers until severe frost. The berries are bright crimson, large size, and surpassing quality. Rich sugary, firm texture and keep in good condition longer after being gathered than any other red raspberry. Per doz., \$1.00; per 100, \$5.00.

## GOOSEBERRIES (2 Year Old)

Price, each, 15c; per doz., \$1.50; 50 for \$4.50; \$8.00 per 100.

**GOOSEBERRIES**—Plant in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit.

**DOWNING**—Large, handsome, pale green and of a splendid quality for both cooking and table use; bush a vigorous grower and usually free from mildew.

**HOUGHTON'S**—Small to medium; round, oval; pale red, sweet tender, very good; plants spreading; shoots slender, enormously productive.

## CURRENTS.

Two-year-old. Price each, 15c; per doz., \$1.50; 50 for \$4.50; per 100, \$8.00.

**LARGE CHERRY**—The largest of all red currants. Berries sometimes measure  $\frac{1}{2}$  inch in diameter. Bushes are short and very vigorous grower. Best variety for the home garden.

**LONDON MARKET**—The fruit is medium large, fiery red color and borne in large clusters. A good grower and one of the best early varieties. Very productive and holds its leaf until the snow flies.

**WHITE GRAPE**—The largest and decidedly the best white variety and one of the best for the home garden.

## GRAPES.

Two Years Old—Price each, 10c; per doz., \$1.00; per 100, \$6.00, not prepaid.

**CONCORD (Black)**—Too well known to need much description; is considered by many to be the best all around grape grown; is extremely hardy, vigorous and productive, bunches large, compact; berries large and juicy, buttery and sweet; will succeed well almost anywhere.

**BRIGHTON (Red)**—Bunch medium to large, quite compact, flesh rich sweet, and best quality, color dark crimson or brownish red; vine vigorous and hardy.

**MOORE'S EARLY (Black)**—Bunch large, berry round with a heavy blue bloom, quality said to be better than Concord; hardy and prolific; a good market berry; ripens about two weeks before Concord.

**NIAGARA (White)**—One of the leading white sorts; bunch large, shouldered, compact; berry large, yellowish-white, juicy, vinous and sprightly, quality good; skin tough, making it a good shipper and market berry.

**CATAWBA (Red)**—Skin dark red when ripe. Sweet, rich flavor, very productive.

## STRAWBERRIES.

**CULTURE**—To produce large fruit, keep in hills, pinching runners as soon as they appear. In the winter a covering of straw or leaves will protect the plants. Do not cover them, however, until the ground is frozen, and then not so deep as to smother them. Remove covering before growth starts in the spring. Plant in rows, 3 to  $3\frac{1}{2}$  feet apart, 15 to 18 inches in a row. **Dip plants in water as soon as received**, and bury the roots in moist, shady ground until you are ready to set them out; neglect an hour or so is often fatal. \$1.25 per 100 prepaid. Not prepaid, \$1.00 per 100; 1,000, \$7.50. These to come by express. Do not ask us to ship by freight. Delivered at express office, Kansas City, Mo.

Price, 25 for 50c; per 100, \$1.25, prepaid; not prepaid, 25 for 35c; per 100, \$1.00; 500, \$3.50; 1,000, \$6.00.

**FERTILIZATION**—All the varieties offered are perfect flowering (by sexual) except where marked **P.** or **pistillate**. The latter must have a row of perfect flowering sort every nine or twelve feet to pollinate their blossom. Care must be taken to mate all varieties marked **P.** with perfect varieties bearing at the same time.

**SENATOR DUNLAP**—Fruit good size, regular form, beautiful bright red, glossy, firm, splendid keeper and shipper, excellent quality, ripens early and continues for a long time.

**P—WARFIELD**—Medium to large size, beautiful regular shape tapering to rounding point. The Warfield is very highly colored berry. Dark glossy red, prominent seeds. Flesh is deep red, which extend through to the center and retains color after picking. It has a spicy sub-acid flavor, tart enough to be a fine relish. Moderately firm, keeps fairly well in storage.

**P—BUBACH**—The Bubach is an old favorite of thirty years' standing. Is one of the largest strawberries grown. A thick, broad, irregular berry, sometime wedge shape, and sometimes round. Bright scarlet, red color, which extend through to the center of the berry. Is especially recommended for home use and nearby market.

**CAPT. JACK**—Is medium size berry, glossy red, coloring evenly all over. Very satisfactory berry for all purposes and good shipper. Plants are very thrifty, with dark green foliage making a heavy fruiting row. Very productive and drought resistant.

**BRANDYWINE**—This is a large to extra large roundish berry, deep blood red color, flesh is bright red with prominent attractive yellow seeds. It has a peculiar individual high flavor. Juicy sub-acid, very good and firm. Especially popular for home use and with commercial grower as market berry. It is also an ideal canning berry owing to its dark red color and high flavor.

(Continued on page 56.)

## STRAWBERRIES—(Continued)

## LATE VARIETIES.

**GANDY**—Is a well known standard variety, from medium to large size. Roundish oval berries, slightlyened at the tip, deep red to scarlet color with bright red flesh. The Gandy is an excellent berry with brisk tartness that is very pleasant. With its pleasing appearance makes it one of the best selling berries on the market. Flesh very firm so that the berries stand shipping well.

**AROMA**—Is the most profitable and dependable strawberry grown. Very large and roundish, having the ideal berry shape. Bright scarlet red, glossy smooth surface, prominent yellow seeds. The flavor is deliciously aromatic, hence the name Aroma. The flesh is firm and velvety with smooth solid texture, withstanding a great deal of handling. Hundreds of car loads of this variety are shipped from Ozark (Missouri) country all over the United States. It is difficult to imagine a more satisfactory dependable all around strawberry than the Aroma.

**P. SAMPLE LATE**—Has the ideal strawberry shape, resembling that of top rounded at the point. Very dark red, attractive color with prominent seeds which turn red as the berries ripen. Flesh bright red, ripens and colors evenly. Very good quality. Will compare favorably with the Aroma in size and color.

## FRUIT TREES

We can furnish strong two year old fruit trees grown in this climate by an old experienced fruit tree grower. Trees will be ready for shipment from March first to March 15th, weather permitting. If large quantities are wanted send us your list and we will make you special prices. All fruit trees listed are delivered to express or freight houses, Kansas City, Mo.

## APPLES.

Price each, 35c; bundle of 10 for \$3.00.

## SUMMER APPLES.

**EARLY HARVEST**—Medium to large; round, bright straw color; flesh white, tender, juicy, crisp, with rich flavor; July.

**CAROLINA (Red June)**—Medium size; red, flesh white, tender, juicy; abundant bearer. Last of June.

## AUTUMN APPLES.

**MAIDEN'S BLUSH**—Large, regular smooth, with fine, evenly shaded red cheek or blush on a clear yellow ground; flesh white. August and September.

**RAMBO**—Medium; yellowish, streaked with dull red; mild, tender, productive. September to November.

## WINTER APPLES.

**GRIMES GOLDEN**—Medium to large size; yellow, vigorous and productive.

**GANO**—Fruit bright red, on yellow ground; no stripes; large, oblong, surface smooth; prolific bearer.

**HUNTSMAN'S FAVORITE**—Very large, golden yellow, with bright red cheek; nearly sweet; fine flavor.

**JONATHAN**—Fruit medium; round; skin yellow, nearly covered with dark red; fine grained, very tender and finely flavored.

**WINESAP (Medium)**—Dark red, sub-acid; abundant bearer; a favorite market variety.

## CRAB-APPLES.

Price each, 35c; bundle of 10 for \$3.00.

**HYSLOP**—Almost as large and as early as the Strawberry apple; deep crimson.

**LARGE RED SIBERIAN CRAB**—About an inch in diameter; yellow, scarlet cheek; bears young.

## FRUIT TREES. (Continued.)

## PEACHES.

Price each, 35c; bundle of 10 for \$3.00.

**ALEXANDER EARLY (Cling)**—Good quality, fine flavor; very early.

**CHAMPION (Freestone)**—Very hardy; matures about August 15.

**ELBERTA (Freestone)**—Finest yellow freestone in cultivation; family favorite. Last of July.

**OLD MIXON (Cling)**—Pale yellow, August.

**OLD MIXON (Freestone)**—Pale yellow. August.

**CRAWFORD'S EARLY**—Fruit large, oblong, yellow with red cheek; flesh yellow, juicy, excellent, freestone. Last of July.

## PEARS.

Price, each, 40c; bundle of 10, \$3.50.

**WILDER'S EARLY**—Medium size; greenish yellow.

**DUCHESS**—Very large; greenish yellow; a general favorite. September and October.

**KIEFFER'S HYBRID**—Valuable for table and market. September and October.

**BARTLETT**—Large size; very juicy and high flavored; bears early and abundantly.

**SECKEL**—Small; skin rich yellowish brown when ripe, with a dull red cheek; flesh very fine grained, sweet and juicy. August and September.

## PLUM.

Price each, 40c; bundle of 10, \$3.50.

**POTTAWATOMIE**—Very hardy; an immense bearer; fruit yellow, overspread with bright pink. July.

**WILD GOOSE**—Rich crimson. July.

**DAMSON**—Fruit small, oval; skin purple, flesh melting and juicy, rather tart. September.

**BURBANK**—Considered by some to be the best of all the European sorts. Color clear cherry, with thin lilac bloom. Flesh deep yellow; very sweet and agreeable.

## CHERRIES.

Price each, 40c; bundle of 10, \$3.50.

**EARLY RICHMOND**—Medium size, dark red, melting and juicy, acid flavor; one of the most valuable and popular of the acid cherries and is unsurpassed for cooking; tree slender grower, exceedingly productive and very hardy; will stand the most severe weather.

**ENGLISH MORELLO**—Medium to large, roundish; dark red, nearly black when ripe; flesh purplish red, meaty, juicy, slightly astringent and good; very productive. August.

**MONTMORENCY**—This is a cherry of the Early Richmond class; some larger and about ten days later; a strong upright growing tree and good bearer. By experienced horticulturists considered one of the most valuable varieties.

## APRICOT.

Price each, 40c; bundle of 10, \$3.50.

**MOORPARK**—Yellow with red cheek; juicy, sweet and rich; freestone; very productive.

## QUINCE.

Price each, 40c; bundle of 10, \$3.50.

## SPRAYING MATERIALS.

See page 65 for full line of spraying materials, such as Arsenate of Lead, Lime Sulphur Solution, Bordeaux Mixture for spraying fruit trees. Also page 66 on spray Pumps. No. 26 Lightning Compressed Air Barrel Sprayer is just what you need for your orchard.

ASK FOR FARMERS SPECIAL PINK LIST ON FARM SEEDS.

## CLOVERS

We are pleased to offer Field and Grass Seeds f. o. b. Kansas City, Missouri. The prices below include sacks which are weighed in gross for net, but do not include freight or express charges, which must be paid by the customer. If to go by mail add 5 cents per pound. The new Parcel Post Law makes it possible to send any quantity of seeds up to twenty pounds to any point in the United States. We will fill orders at the prices below as long as our present stocks last. Field seeds are subject to market fluctuations and prices may change without notice. We handle only one grade of field seeds, which is the best that can be obtained, and as free from weed seed as modern machinery will clean them. Any seeds not offered below or any information we can give you regarding the sowing of seeds we will gladly give you if you will write to us. If wanting large quantities write for Special Prices and Samples.

## CLOVER ALFALFA

**ALFALFA** (*Medicago-Satava*)—As a general rule good corn ground is good ground for alfalfa. It can, in most cases, be grown profitably on any land on which cottonwood trees and corn are successfully grown to a maturity. It requires a well drained, thoroughly pulverized soil, free from weeds and the soil should be in good condition with regard to moisture at time of seeding. Alfalfa may be seeded successfully either in the spring or in the months of August or September. Seed can either be drilled or broadcasted. It requires from 20 to 25 pounds of seed per acre for drilling and 25 to 30 pounds when broadcasted. Alfalfa from one seeding can usually be expected to endure ten years; in some cases it will die out in three to four years, and in other instances, fields fifteen to twenty years old are yielding heavy crops. Per lb., 25c; 10 lbs., \$2.00.

**TURKESTAN ALFALFA**—A peculiarly hardy or cold and dry weather resisting variety of alfalfa, especially adapted for dry or extreme cold climate. Fancy, per lb., 25c; 10 lbs., \$2.00.

**MEDIUM RED CLOVER**—This is regarded as the most valuable of the Clover family. It is sometimes called June Clover and is a dependable all-round variety for farmers and stockmen. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. Will grow in most any soil, makes excellent hay. Sow from 12 to 15 pounds per acre. Per lb., 30c; 10 lbs., \$2.50.

**WHITE DUTCH CLOVER** (*Trifolium-Repens*)—Excellent for pasture, usually mixed with red top or Kentucky blue grass makes fine feed for sheep or cows. Is used in sowing lawns with blue grass and will grow well in shady places. Sow 6 to 8 pounds per acre. Per lb., 50c; 10 lbs., \$4.50.

**JAPAN CLOVER** (*Lespedeza Striata*)—Low perennial spreading habit; stands excessive drouth well; flourishes on poorest soil in Arkansas, Texas, Oklahoma and other Southern States. Makes good hay and stock eat it readily. Also is valuable for turning under as green manure. Sow broadcast about 30 pounds per acre. Per lb., 35c; 10 lbs., \$3.00.

**ALSIKE, OR SWEDISH CLOVER**—This is one of the hardiest varieties known. It is perennial and does not winter kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red Clover and with Timothy, and the quality of hay thus produced is excellent. It is finer and more leafy than Medium Red Clover, although it does not grow so high. It is very fine for honey bees, and cattle prefer it to other clovers. Sow 10 to 12 pounds to the acre. Per lb., 25c; 10 lbs., \$2.25.

**MAMMOTH, OR SAPLING CLOVER**—Sometimes called pea vine Clover, on account of its very rank growth. Is probably the most valuable of all the Clovers for fertilizing purposes. Foliage, flower and stem much darker than the medium red Clover. Also makes good hay when mixed with timothy or red top, as it ripens about the same time, being later than medium red Clover. Sow 12 to 15 pounds per acre. Per lb., 30c; 10 lbs., \$2.50.

**CRIMSON CLOVER** (*Trifolium-Incarnatum*)—An annual variety in common use in Texas and Southern states. Is two to four weeks earlier than the red Clover and an immense yielder of fodder. Height about one foot; roots nearly black and blossoms long and deep carmine color. Makes good hay. Sow about 15 pounds to the acre. Per lb., 20c; 10 lbs., \$1.80.

**SWEET CLOVER** (*White-Blossom*)—Sweet Clover meets the approval of most every farmer who has given it a trial, as a valuable pasture and soil restorer. For sheep, cattle and horses it is hard to equal and its blossoms will give more honey when used for bees than any other Clover. This Clover thrives on poor soil where scarcely nothing else will grow and nothing surpasses it for bringing back fertility to the soil in the shortest time. Grows from 4 to 6 feet high with branches, extremities of which bear abundant fragrant flowers. Sow in the spring or fall; sow about 10 to 15 pounds to the acre.

We would advise our customers to plant the White Blossomed variety, as it is hardy and makes much better feed. The yellow variety is an annual only. Some farmers prefer the unhulled seed in its native state, and for that reason we quote both the hulled and unhulled.

Unhulled seed, per lb., 25c; 10 lbs., \$2.00.

Hulled seed, per lb., 30c; 10 lbs., \$2.50.

**SWEET CLOVER** (*Yellow Blossom*)—The yellow variety of sweet Clover is preferred by some farmers when used for a fertilizer on account of its heavy growth. Bee Keepers also claim that honey from the yellow flowers superior to that of the white. Seed is considerably cheaper and quicker to germinate. Hulled seed, per lb., 20c; 10 lbs., \$1.75.

ASK FOR FARMERS' SPECIAL PINK LIST ON FARM SEEDS.

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## GRASS AND FIELD SEEDS

We test our field seeds just the same as garden seeds and send out nothing that does not show a good germination.

**RECLEANED GRASS SEEDS**—We are listing below the different grasses for all purposes, that will thrive and do well in this section of the country. Our grass seeds are high grade recleaned seed. Will send samples on application.

**KENTUCKY BLUE GRASS** (*Poa-Pratensis*)—Among all the grasses for pastures, meadows, ball grounds, golf links, lawns, polo grounds and all school and public grounds, the Kentucky Blue Grass ranks first; it is the Great American Grass. The farmer knows its good qualities and the city people know that there is nothing more beautiful than a well kept blue grass lawn. It can be sown either in the spring or fall. Sow 25 to 30 pounds per acre for meadows and pasture, 50 to 75 pounds per acre for lawns. Price, by mail postpaid, 25c per lb.; by express or freight at purchaser's expense, per lb., 20c; 5 lbs., 30c; 10 lbs., \$1.75; 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$12.50.

**MEADOW FESCUE, OR ENGLISH BLUE GRASS** (*Festuca Pratensis*)—A permanent pasture grass, grows from 2 to 3 feet high and is the earliest and most nutritious of grasses; makes excellent hay, and cattle will thrive on it. It grows better in poor soil than any other grasses. The roots grow from 12 to 15 inches into the ground. It can stand extremely dry weather; also will stand more freezing than any other variety. Sow 15 to 20 pounds per acre. Per lb., 20c; 10 lbs., \$1.75.

**ORCHARD GRASS** (*Dactylis Geomerata*)—Orchard grass in many respects is superior to other grasses. It stands drouths, grows well in the shade and under trees; does well on wet or poor ground. Is excellent feed for cows and will produce more rich milk than blue grass. Is especially adapted for winter grazing, as it remains green all winter. Makes a heavy sod and well established will remain for years. Sow 20 to 25 pounds per acre. Per lb., 25c; 10 lbs., \$2.00.

**TIMOTHY** (*Phleum Pratense*)—Timothy in this section of the country is used more extensively for hay than any other grass. It is relished by all kinds of stock, especially horses, and yields more nutritious matter than any other grass. Farmers in this country know its qualities and in a great many instances sow it with Alsike or Red Clover. When used alone sow 15 pounds to the acre; when used with Clover, sow 7 to 9 pounds of Timothy and from 5 to 8 pounds of Clover. Per lb., 10c; 10 lbs., 85c.

**BERMUDA GRASS** (*Cynodon Dactylon*)—This is the standard grass of the South and is used in Oklahoma, Texas and other Southern states for both pasture and hay crop. Is also used for lawn purposes, as it runs over the ground rapidly, forming a dense turf; will not stand cold weather and is not used north of southern boundary of Kansas, but is a drouth resister and will stand all kinds of hot and dry weather. Sow 3 to 5 pounds per acre. Per lb., 75c; 10 lbs., \$5.00.

**BROMUS INERMIS, OR HUNGARIAN BROME GRASS**—A wonderful drouth resister, and stands severe cold equally as well. Next to Alfalfa this is one of the most promising grasses sown in the Western states and where rainfall is light. Its nature is to stool out and does not show up as well the first season as it does the second, and seldom produces seed until the second year. It is very highly recommended by the Kansas State Agricultural Stations. It is sometimes used in mixtures as follows: *Bromus Inermis*, 10 pounds; *Orchard grass*, 10 pounds; *English Blue grass*, 8 pounds. Can either be sown in the fall with winter wheat or early in the spring. Sow 25 to 30 pounds per acre. Per lb., 20c; 10 lbs., \$1.75.

**ITALIAN RYE GRASS** (*Lolium Italicum*)—A quick growing grass and is often used as a nurse crop for Kentucky Blue grass and in lawn mixtures. Will make a quick showing and is used where something green is wanted in a hurry; it is of no use for permanent pastures, as it only lasts two years. Sow 35 to 40 pounds per acre. Per lb., 20c; 10 lbs., \$1.50.

**PERENNIAL ENGLISH RYE** (*Lalium Perenne*)—A hardy rye grass which grows well on clay soil and withstands drought reasonably well; grows quick and is a good pasture grass. This has been used by the Kansas City Park Board for large plots where the soil is not good and has given good satisfaction, making a good sod. White Clover is sometimes used with this when used for lawn purposes. For pasture sow 25 to 30 pounds to the acre; for lawns 50 to 60 pounds to the acre. Per lb., 20c; 10 lbs., \$1.50.

**FANCY RED TOP** (*Agrostis Vulgaris*)—A grass particularly adapted for wet soils and for ground that washes. It is often sown with alsike clover, which together make a good hay. Is quicker to start than any other grass and on moist soil will grow about two feet high, and on gravelly or poor soil one foot high. If used for pasture should be fed close, as after it has gone to seed cattle will refuse it. It is also used for terraces and patches in lawns, where blue grass will not grow. Sow from 15 to 20 pounds to the acre. Per lb., 25c; 10 lbs., \$2.00.

**SUDAN GRASS**—This grass resists drouth and does not blight under excessive rainfall. It is a great forage crop. See cut and full description page 6, this catalogue. Per lb., postpaid, 25c; 10 lbs., \$2.00; 2 to 3 lbs. plant an acre drilled; 15 to 20 lbs., broadcast.

**WILD RICE** (*Zizania Aquatica*)—An annual which sows itself in the fall about the middle of September, lies dormant in the winter and in the spring commences to sprout as soon as the water gets warm, reaching the surface about the first of June. It grows very rapidly in 1 to 4 feet of water, reaches a height of 7 to 10 feet and ripens late in August or early in September. It should be planted broadcast from a boat, early in the fall before the seeds get dry, and before the ice forms, in 1 to 3 feet of water, having a mud bottom. If the water is over 4 feet deep, or if it is stagnant, it does not do as well as when the water is moving gently. As an attraction for wild fowl it can not be equalled and it is largely used on private shooting grounds to attract water fowls. In large ponds and lakes it purifies the water; affords a refuge for the small fry from the large fish as well as furnishing the small fry with plenty of food from the animalcula upon the stalks; for planting in ponds it is equally desirable. It does well along the shores of marshes, and makes a good hay. In the South two crops can be cut and all cattle are very fond of it. Per lb., 25c; 5 lbs., \$1.00.

**JOHNSON GRASS** (*Sorghum Halapense*)—Johnson grass is only sown in Southern states, Southern Kansas being about as far north as it can be successfully grown, as it is very easily winter killed. Is a rapid grower, with long cane-like roots and stalks and leaf resembles sorghum. Will grow in almost any ground that will grow corn and on good soil will make a very large yield. Sow about 25 pounds to the acre. Per lb., 20c; 10 lbs., \$1.50.

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## GRASS AND FIELD SEEDS [Continued]

**GERMAN MILLET**—This variety in ordinary climates is the heaviest yielder of all the Millets. It has produced from 4 to 5 tons of hay to the acre and from 70 to 80 bushels of seed; however, it will not stand a drouth as well as the Commons and Siberian Millets. Sow 25 pounds to the acre. Per lb., 5c; 10 lbs., 40c.

**COMMON MILLET**—It is the most hardy of the commonly grown varieties, enduring drouth the best and giving better returns on poor soil. The hay is of finer quality than the German, but does not yield as heavy. It is also very early. Sow 25 pounds to the acre. Per lb., 5c; 10 lbs., 40c.

**MANITOBA, OR HOG MILLET**—The seed is very rich and thus especially valuable as hog feed. A very much prized peculiarity of this Millet is that the seed ripens while the stem is yet green. Thus if cut promptly can be threshed for seed. While the hay, after being threshed, will make excellent fodder. Sow 25 pounds per acre. Per lb., 10c; 10 lbs., 50c.

**SIBERIAN MILLET**—It is claimed to be the most wonderfully productive and satisfactory forage plant, possessing in a superior degree all of the essential merits of any of the older sorts, and exceeding them by far. A heavy yielder and excellent hay. Sow 25 pounds per acre. Per lb., 5c; 10 lbs., 50c.

**BROOM CORN**—If given proper attention Broom Corn is one of the most profitable crops the farmer can raise. There is a market at all times for strictly first class brush, and no pains should be spared in an effort to produce this quality. Oklahoma leads the world in quantity produced and in a great many instances the best quality. We are listing below the three varieties which are most commonly used. One acre of Broom Corn will produce from 1 to 2 tons of brush and nearly 40 bushels of seed. Plant in drills, rows about 3½ feet apart and 6 inches apart in the row.

**MISSOURI EVERGREEN**—This Broom Corn grows about 8 to 10 feet high and is of the standard variety; stands up well and is entirely free from crooked brush. The fibre is long and fine. Its great value is that it will not get red in the field before it is cut, but it is strictly a green variety of brush, commanding a high price. Will produce well on ordinary corn ground. Sow 10 pounds to the acre. Per lb., 10c; 10 lbs., 50c.

**OKLAHOMA DWARF**—Originated in Oklahoma, is of the dwarf variety and is earlier than all other varieties. Brush long and well fibered and is a drouth resister. On new breaking it does splendidly, leaving the ground in fine condition for a fall wheat crop; only a slight discing to prepare the soil, averages 5 feet in height, making it convenient for pulling brush; is a great yielder, often making 1 to 3 tons of fine long brush to the acre; stocks make excellent fodder if cut at once after brush is pulled. Sow 10 to 20 pounds per acre. Per lb., 10c; 10 lbs., 50c.

## COW PEAS

**WHIPPORWILL**—The most popular variety in this section of the country; makes fine hay and very valuable for fertilizer when turned under. Drill ½ bushel and broadcast 1½ bushels to the acre. Per bu. of 60 lbs., market price.

**NEW ERA**—About two weeks earlier than the Whipporwill. Not quite such a rank grower and will make finer hay. Drill ½ bushel and broadcast 1½ bushels to the acre. Per bu. of 60 lbs., market price.

**CANADA FIELD**—Used more in the North for hog feed; a big yielder and good hay. Also used for pigeon feed by all raisers of pigeons. Per bu. of 60 lbs., \$3.00.

**SOY BEANS** as a feed takes the place of oil or gluten meal. Feeding them to milch cows, fattening cows or hogs, they have given astonishing results. Sow broadcast, use 1½ bushels to the acre. We have two varieties—the Early Yellow and the Late Mammoth—the latter should only be planted in Southern states, as they are very late in maturing.

**EARLY YELLOW SOY BEANS**—Per lb., 10c; 10 lbs., 75c.

**LATE MAMMOTH SOY BEANS**—Per lb., 10c; 10 lbs., 75c.

**SAND OR HAIRY VETCH**—This is a valuable forage plant. Belongs to the pea family, but the vines grow much longer and have more abundant foliage. It is also very valuable as a soil builder, as it restores nitrogen. It is an annual, but drops its seed freely and will come up year after year on the same ground. Sow with oats, barley or rye, etc. It succeeds on almost any soil and should not winter kill.

Sow Vetch in fall. The ground is then covered before winter, which prevents washing. Also sow in April and you can cut in July, the second crop being a fine hog pasture during the summer. Yields from 10 to 15 tons per acre green feed. Sow 20 pounds to the acre. Per lb., 30c; 10 lbs., \$2.50.

**SPRING VETCH**—Similar to Sand Vetch, but sown in the spring only. Per lb., 25c; 10 lbs., \$2.00.

**TEOSINTE**—Recommended as the most prolific forage plant yet introduced. The stalks containing much saccharine matter are very nutritious. It can be cut several times during the season, yielding enormously. One stalk will sometimes produce 20 to 60 stalks or shoots, and the warmer the climate the better it yields. Should not be planted until the soil is perfectly warm in the spring. Requires about 4 pounds of seed to the acre. Plant in drills 3 feet apart and 2 or 3 seeds every 12 inches in drill. Per lb., \$1.00.

**WHITE NAVY BEANS**—The standard white beans of medium size. Plant in drills so as to cultivate with a horse. 25 to 30 pounds enough to sow an acre. Per lb., 15c; 10 lbs., \$1.00.

**PEANUTS (White Jumbo)**—This is the standard variety for roasting. The peanuts are three times as large as those of the ordinary Spanish peanut. The nuts proper grow in fine double jointed hulls of beautiful white appearance; are from ¼ of an inch to 1 inch in length, and of fine flavor. An excellent variety worthy of the highest recommendation. Per lb., 15c; 10 lbs., \$1.25.

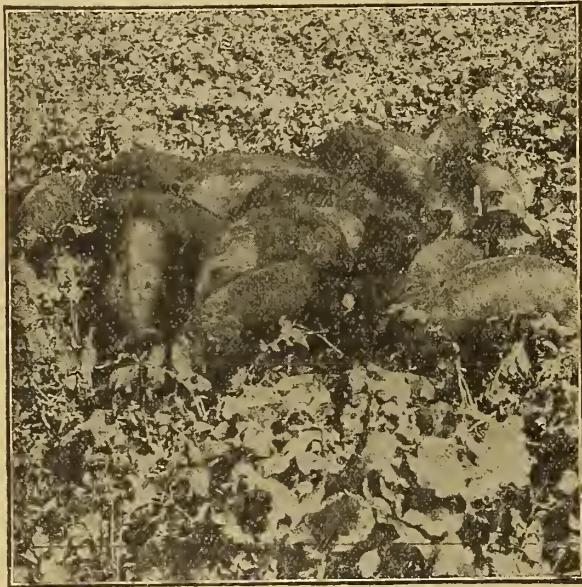
**EMMER, OR SPELTZ**—This is a remarkable grain and should receive the attention of all farmers. It is a species of drouth resisting barley and not inclined to rust. It will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. Thrives on poor land and stony ground. All animals eat it greedily and fond of the straw. Sow 70 to 80 pounds per acre very early, same as barley or oats. Per bu. of 40 lbs., \$1.50.

ASK FOR FARMERS' SPECIAL PINK LIST ON FARM SEEDS.

## GRASS AND FIELD SEEDS [Continued]

Owing to the frequent market changes on all kinds of grasses and field seeds, it is impossible to make prices at the time we make up our catalogue. We kindly ask our customers to write us for our Special Pink Field Seed List and prices on larger quantities than quoted below.

**DWARF ESSEX RAPE**—Main standby of the English farmer in raising choice mutton. Perfectly hardy and of remarkable fattening properties. Easily grown. One acre will pasture 36 head two months; lambs will make a gain of from 8 to 12 pounds per month. Pigs and cattle are also extremely fond of it. A very rank grower and bears heavy manuring and high cultivation. Sow at intervals of several weeks and secure a supply of good feed. Sow in June. Rape should be fed in August, though if a first crop be cut about 4 inches from the ground an aftergrowth would be useful later. Does well sown with oats. If soil is rich and clean sow broadcast, otherwise in drills, and cultivate same as corn. Poultrymen will do well to sow a small patch to feed green to growing chicks. Can be sown on wheat stubble, furnishing excellent pasture late in the fall. Broadcasted it takes 8 to 10 pounds to the acre. Per lb., 15c; 10 lbs., \$1.00.



HOGS PASTURING ON DWARF ESSEX RAPE.  
DO THEY LIKE IT?

**SORGHUMS, OR CANE**—In ordering these Sorghums or Canes state whether you intend to sow for syrup or for fodder.

**TEXAS SEED RIBBON CANE, OR GOOSENECK**

**SORGHUM**—Our stock seed comes from Texas, where it is highly recommended. Both Goosenecked and straight-necked plants appear in same field. Per lb., 10c; 10 lbs., 90c.

**EARLY AMBER CANE**—This popular and well known variety is the earliest and makes the finest quality of amber syrup and sugar. Succeeds well from Texas to Minnesota. Per lb., 5c.

**EARLY ORANGE CANE**—A well known variety adapted to the Southwest. It is from 8 to 10 days later than the Early Amber. Per lb., 5c.

**KANSAS ORANGE**—A late variety and an excellent one for syrup and forage. Per lb., 5c.

**FORAGE, OR FODDER CANE**—Cane seed is now grown to a considerable extent for stock feeding. It yields heavily. It can be raised anywhere, and is sown extensively in dry regions where grasses do not do well. Because of its sweetness it is greatly relished by cattle, horses and sheep. For forage sow 50 pounds to the acre. Ask for market prices.

**FETERITA** is a far better drouth resister than milo, kaffir corn or any of the Forage Plants. It is a variety of the Durra group, recently introduced from British Egyptian Sudan. It produces stalks of medium size, bearing 10 to 12 leaves and a large upright head, well filled with pure white or bluish white seeds.

The grain is larger than that of milo and softer than kaffir. Its feeding value is equal to either milo or kaffir. It is about 25 days earlier than kaffir and yields considerable more; 80 bushels per acre was reported this season. The increased yield and the earliness of this variety will bring it to the front rapidly. Prepaid, 1 lb., 15c. Net prepaid, 10 lbs., 60c.

**YELLOW MILO MAIZE (Milo)**—Growth is tall, 9 to 12 feet, stooling from the ground, like White Milo Maize, but not so much. It sends out shoots also from the joints. Seed heads grow to great size, often weighing  $\frac{3}{4}$  of a pound, sometimes a full pound, after ripening. On account of the branching habits this grain should be planted in rows 4 to 5 feet apart, and 2 to 3 feet in the drill, or 2 plants in a hill, 3 to 5 feet apart. 1 lb., 10c; 10 lbs., 50c.

**DWARF MILO MAIZE**—It differs from the Standard Milo Maize in being dwarfed, growing from 3 to 5 feet high, according to the amount of rainfall, and is straight-necked. The advantage of this straightnecked feature is apparent in gathering, feeding and cutting heads.

The Dwarf Milo Maize should be planted the same as kaffir or milo and cultivated the same as Indian corn. It can be fed in bundles or in head to work horses, cattle and hogs. Stock seem to prefer it to corn and it has a laxative effect on them, keeping them in good condition.

While our stock is especially selected for straight heads, owing to the constant tendency to revert to the crooknecked type there will be a few crooknecked in the field.

Drill  $\frac{1}{2}$  bushel and broadcast 1 bushel to the acre. Per lb., 10c; 10 lbs., 50c.

**WHITE KAFFIR CORN**—It grows 4 to 5 feet high, making a straight, upright growth. It has a strong stem with enormous wide leaves. The stalks keep green and are brittle, making excellent fodder, either green or dried, which is highly relished by cattle and horses. The seed makes very fine chicken feed, and is universally used for that purpose. The heads form at the top of each stalk, and as soon as these show the grain well, the joints next below the top send up shoots which yield the seed heads. For the grain sow in rows 3 feet apart, 3 to 5 pounds of seed to the acre. For fodder sow  $\frac{1}{2}$  to 1 bushel, either broadcast or in drills. Per lb., 5c.

**MISCELLANEOUS FARM SEEDS—BUCKWHEAT—Japanese, per lb., 5c.**

Silverhull, per lb., 5c.

**BARLEY**—Beardless, per lb., 5c.

Six Rowed, per lb., 5c.

Common, per lb., 5c.

**FLAX**—Per bu., \$2.50.

**OATS**—Red Texas.

White.

**CASTOR BEANS**—Common field, per lb., 10c; bu., 83.00.

**SUNFLOWER**—Large Russian, per lb., 10c; 10 lbs., 85c.

**HEMP**—Per lb., 10c; 10 lbs., 90c.

**RYE**.

ASK FOR FARMERS' SPECIAL PINK LIST ON FARM SEEDS.

# HARNDEN'S SELECTED SEED CORN

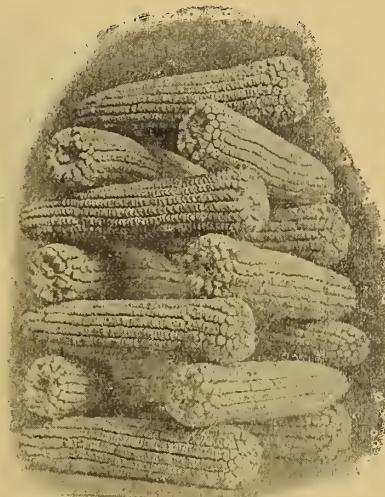
## WHITE VARIETIES

At no time in the history of American Agriculture has it been so necessary to secure maximum returns from farming as at the present. There is no crop the farmer raises that will give increased returns in proportion to care in seed selection as corn. One grain of corn will produce more corn than a similar quality of any other cereal will produce of its kind. **Plant good seed.**

Unless otherwise noted, prices as follows: **Not prepaid,** qt. 15c;  $\frac{1}{4}$  bu., 50c; 1 bu., \$1.75.

**BOONE COUNTY WHITE (110 days)**—Boone County White is a very large, white corn, something like Silver Mine, but larger and later in maturing. Ears are well filled out at both ends, cylindrical, 9 to 11 inches long, averaging 20 rows, some 18 and 22. Grain very deep; a little rough. Cobs white, of medium size. Boone County is a show corn, and has carried off many premiums offered at corn contests—state and county fairs. **Price, not prepaid, qt., 15c;  $\frac{1}{4}$  bu., 60c; 1 bu., \$2.00.**

**IOWA SILVER MINE**—Silver Mine is deep grained, pure white, rough topped, with a small white cob. Ears run from 9 to 12 inches long, with 16 to 20 rows of pure white kernels, solidly set on ears well filled out at butt and tip. The cob being small it dries out rapidly, and can be marketed early. This corn is a drouth resister, maturing in hot climates where early drouths are frequent. Stalks medium height, very leafy, with broad blades, frequently bearing 2 ears weighing 1 to  $1\frac{1}{2}$  pounds each. This variety is a safe crop anywhere in the corn belt, and in all the Southern states, including Missouri, Kansas, Oklahoma, Texas, Arkansas, Louisiana, Mississippi, Alabama, Georgia, Tennessee, Kentucky and Virginia.



**IOWA SILVER MINE.**

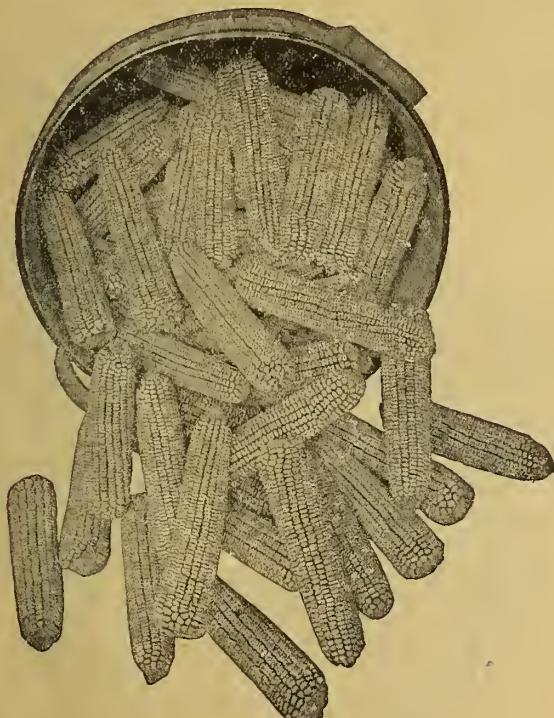
**WHITE PERFECTION**—It resembles the Reid's Yellow Dent in size, only the length of the grain is narrower and longer; usually running  $\frac{1}{2}$  inch in length and from 24 to 26 rows to the ear. Ears run uniform in size from butt to tip and filled out completely at the ends. This corn yielded 70 bushels to the acre this year and matured in about 105 days. We consider this the best white corn on the market. We have selected several hundred bushels of this corn and already have sold part of it. Would advise you to give us your order early. **Price, not prepaid, qt., 15c;  $\frac{1}{4}$  bu., 60c; 1 bu., \$1.75.**

**ST. CHARLES (Red Cob) (110 days)**—**Superior Feeding and Silage**—Pure white corn with red cob, ears large, moderately rough, deep grain. Stalks grow very leafy and heavy and will produce enormous yields of corn for husking crop or prove a mortgage lifter for silage.

Being a native of St. Charles County, Missouri, this variety is best adapted to the Southern states for a husking corn and is in great demand in the Eastern and Northern states for ensilage and fodder purposes. **Price, not prepaid, qt., 15c;  $\frac{1}{4}$  bu., 60c; 1 bu., \$1.75.**

**CHAMPION WHITE PEARL**—The stalk is short and thick. The ears grow long on the stalk, from 7 to 12 inches in length, almost parallel throughout, of medium size, averaging 16 rows of grains. The grains are pure white, very deep, compact and heavy. The cob is small. It makes a superior quality of corn meal. Also used for roasting ears on account of its close resemblance to sweet corn when green. Can be planted as late as July 15 for this purpose.

**WHITE ELEPHANT (100 days)**—**Alone in Its Class**—To meet the increasing demands from our Southern sister states we have increased our acreage of Nishna Valley Elephant, or White Elephant. Experience has taught us that this variety is a winner for the Southern grower, and when we learned that this corn made ears like stove wood in the rich Delta lands of the South we concluded to get as many planters as possible to share in the success. As early as Silver Mine it is nearly one-half longer, and by many is claimed to be the largest corn grown. Nishna Valley Elephant is recommended to planters who want a corn with a cracking big ear, 12 to 15 inches long, with lots of corn on it—a big stalk with medium big cob—in fact, an Elephant all around. Nishna Valley Elephant is not a handsome corn, but when it comes to filling the wagon box it is on the job. **Price, not prepaid, qt., 15c;  $\frac{1}{4}$  bu., 60c; 1 bu., \$2.00.**



**BOONE COUNTY WHITE.**

## HARNDEN'S SELECTED SEED CORN (Continued)

### YELLOW VARIETIES



REIDS YELLOW DENT.

Unless Otherwise Noted, Prices as Follows:

Qt. 15c;  $\frac{1}{4}$  Bu., 50c; 1 Bu., \$1.75, not prepaid.

**REID'S YELLOW DENT (110 days)**—In answer to the question, "What is the most popular variety of yellow Corn in the United States," we should be compelled to say Reid's Yellow Dent. This corn was originated by Mr. James L. Reid, of Illinois, many years ago, and in fixing the type he made a good job of it, for the highest skill of experts have failed to change it for the better. It certainly is a thoroughbred. We offer the pure type of this leading standard variety, which stands among the best all-round purpose Yellow Dent Corn grown.

Color deep yellow, with lighter cap. Grain very deep, closely packed; butts and tips almost entirely covered over. Slightly rough, with grains dented on top. Leaves and stalks of Reid's Yellow Dent make the finest ensilage and fodder.

Reid's Yellow Dent is adapted to central and southern portion of Iowa, Indiana and Illinois, Eastern Kansas and Oklahoma, Southeastern Nebraska, Missouri, Texas, Arkansas, Louisiana, Mississippi, Georgia, Alabama, Tennessee, Kentucky and Virginia.

**PRIDE OF THE NORTH (90 days)**—This variety has smaller ears than the late kinds, but is valuable, as it matures early. Planted as late as July 4, it has fully matured by October 2. The ears have from 14 to 16 rows, growing 8 to 10 inches in length, slightly tapering. The kernels are closely set together on the cob, and of a light orange color. The stalks usually grow 6 to 8 feet in height, producing 1 or 2 good ears. Our seed of this variety has been grown for us with special care from the original stock.

**IMPROVED LEAMING (100 days)**—This splendid variety of yellow corn was originated in 1826, and has been developed to a high state during the last ten years. Ears from 9 to 11 inches long. Red cob, medium size. Stalks, 9 to 12 feet high. Valuable for either forage or ensilage. The large percentage of sugar in every part of plant makes it the prize fodder or ensilage variety. One of the best standard varieties grown, according to soil and season.

**GOLDEN BEAUTY (110 days)**—The ears are of perfect shape, with from 10 to 14 straight rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they so soft as to be greatly shriveled. The ears are easily shelled, although the kernels are firm on the ear, and in every respect as perfect a type as could possibly be had. Golden Beauty matures in 100 to 110 days from planting and surpasses all in size and beauty of grain.

**RED OR CALICO CORN (110 days)**—**Mammoth Calico Dent**—A large, vigorous grower, producing 75 to 85 bushels per acre; kernels same shape as Yellow Dent, but longer and broader, speckled with blotches of deep red. One of the best corns grown for general farm uses. Price, not prepaid, qt. 15c;  $\frac{1}{4}$  bu., 60c; 1 bu., \$2.00.

**MAMMOTH IOWA YELLOW DENT (95 to 110 days)**—Mammoth Iowa Yellow grows a rugged stalk of medium height, producing ears 9 to 12 inches in length, and often as large as  $8\frac{1}{2}$  inches in circumference. Ears are well filled out with solidly set, deep kernels, rich in oil, 16 to 22 rows on the cob. Color beautiful golden yellow.

Mammoth Iowa Yellow is not adapted for high altitudes, but should be planted in sections below the Central Iowa line only. Makes splendid crops in Southern Iowa, Illinois and Nebraska, Oklahoma, Missouri, Eastern Kansas, and bumper crops in Texas, Arkansas, Louisiana, Mississippi, Alabama, Georgia, Tennessee, Kentucky and Virginia.

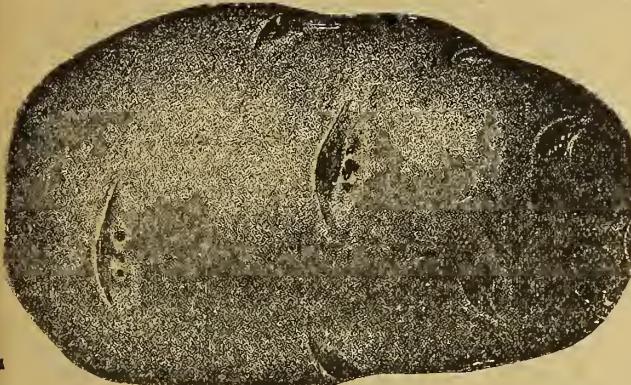
**IOWA GOLD MINE (100 days)**—Next to Reid's Yellow Dent this variety is most popular yellow corn grown. It is successfully raised in most every state in the Union, and is the all-purpose corn. A good yielder, either on hill or bottom ground, and is about 10 days earlier than Reid's Yellow Dent. Makes excellent feeding corn and is very valuable as for ensilage, on account of the heavy growth. Ears are medium length and small cob, grain deep and pure golden color and closely packed.



IOWA GOLD MINE.

## SEED POTATOES, NORTHERN GROWN

All transportation charges must be paid by the buyer. No Potatoes sent C. O. D. WRITE FOR PRICES ON  
LARGE LOTS. Subject to Market Changes.



EXTRA EARLY OHIO—RED RIVER STOCK.

**IRISH COBBLER**—The yield is very large for an early variety—equal to some of the late ones. Form oval and round; skin lightly netted, creamy white and having few eyes, which are quite shallow—some even with the surface. Flesh pure white and of the finest quality—not exceeded by any early variety. Keeps perfect until spring, when it starts large, strong and vigorous sprouts. Its strong growth, earliness, uniformity, large yield, fine quality and very handsome appearance have brought the Extra Early Cobbler right to the front as a profitable variety for market or home use. Pk., 50c.

**EXTRA EARLY TRIUMPH**—Most desirable variety for the South and is there considered the earliest Potato in existence. A handsome round variety which matures before the Extra Early Ohio, and is wonderfully productive. The tubers are not large, but are of a nice, medium size for early use; round as a ball, and a beautiful deep pink color. For several years it has been the most popular variety in the Southern states, and hundreds of carloads are shipped to the Northern markets, and bring fancy prices. Not so desirable for main crop or Northern growing. Pk., 50c.

**BEAUTY OF HEBRON**—This is an old-time favorite which matures early; tubers have red and white skin, grow to a good size and are of excellent quality. It is also a very productive variety and a remarkably good keeper. Pk., 40c.

**EARLY ROSE**—A little later than Early Ohio and much larger in size. Is smooth and of handsome rose color. A big yielder, often running 300 bushels to the acre on good soil. Quality fine for either baked or boiled. Pk., 40c.

### The Miller Seed Potato Cutter

**THE MILLER SEED POTATO CUTTER**—The construction is very simple; built for accuracy as well as convenience. Strong and durable; the knives are of good quality steel and are fitted to grooves in frame, making them easy to remove if necessary. It will cut any size potato in pieces uniform in size, thereby insuring more accurate planting when power planter is used. From 6 to 8 bushels can be cut with it in an hour. The saving in time alone will more than pay this cutter the first season it is used. Instructions for operating sent with each machine.

We commence shipping as soon as danger of frost is over, but will ship when requested at any time when customers wish to take their own risk.

Potatoes may be grown in any ordinary soil, but do best in sandy loam. Ten bushels cut tubers to the acre.

We offer the following standard varieties, all Northern grown.

**EXTRA EARLY OHIO POTATO**—Our Specialty; a Grand Potato—The Extra Early Ohio is fully two weeks ahead of the Early Rose, and is a general favorite with potato growers and marketmen alike, and is the most profitable Potato they can possibly grow. The sprouts are very strong, the vines grow erect and are easy to cultivate. Maturing early, it brings the highest prices and the land can be used for another crop that does well on any soil suitable for Potatoes. The tubers grow compact in the hill, are easily dug, with very few small ones—nearly every Potato is of marketable size; has few eyes, which are even with the surface. With heavy manuring, close planting and good culture a very large and profitable crop can be expected 200 to 275 bushels per acre is not an unusual yield. Our stock is the Red River stock, direct from the North, and good, pure strain. Pk., 40c.

**RURAL NEW YORKER**—One of the largest yielding varieties in existence. Large and unusually smooth, with few shallow eyes; skin white as is also flesh, which is of superior quality. Medium late and the best drought resister. There is no other Potato of more handsome appearance than the Rural New York. Although it is a large yielder it grows but few and small vines. It is very hardy and will stand the heaviest manuring without getting scabby or spotted. For this reason it is one of the most desirable varieties for farmers and potato growers near large cities to grow for main crop for market. Pk., 40c.

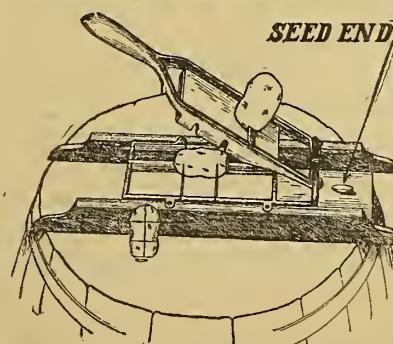
**BURBANKS**—The best and most prolific of all late varieties. Uniformly long and slightly flattened. Entirely free from knots and the eye even with surface. Its flesh is finest texture and very free from black spots. Cooks white as flour and is of the finest flavor. This is the ideal Potato for late planting and many gardeners plant them all during June and some as late as July first. We recommend them very highly. Pk., 40c.

**ASPINWALL POTATO PLANTERS**—Recognized by the large potato growers as the standard potato planter. Write for information and special prices.

**PARIS GREEN**—We handle annually large quantities of Paris Green and **BUG DEATH** for destroying Potato Bugs. Write for our prices before buying.

**POTATO SCOOPS**—Standard scoops for handling Potatoes without bruising them. Each, \$1.75.

**WIRE POTATO BASKETS**—Hold  $\frac{1}{2}$  bushel, strong and durable. Each, 50c; doz., \$4.50.



Capacity  
per hour

24 inches long, 3  
inches wide, weight  
8 lbs. Cutter will last  
a lifetime. Can you  
afford to be without  
one?

Price  
\$2.50

# HIGH GRADE FERTILIZER AND LAWN DRESSING

**GOOD PROFITS CAN ONLY BE OBTAINED FROM GOOD CROPS—Good Fertilizer will prepare the soil so that it can be depended upon to produce good crops. To those, if any there be, that doubt the efficacy of fertilizing the land, we say, try an acre or two as an experiment. The result will speak for itself. Our prices include sacks and cartage to depot in Kansas City, Mo., 1,000 pounds of one kind at ton rate, except where 500-pound or 1,000-pound price is quoted. We cannot break bags except as noted.**

**PRACTICAL FERTILIZATION—**To enable the farmer to understand more thoroughly the science of fertilization, we here dwell lightly upon the required elements for production of maximum crops:

**AMMONIA, or Nitrogen,** tends to promote leaf or foliage growth. You will find it in various combinations. In the form of salts or nitrates it is readily available. All Ammoniates must be reduced to soluble salts by the soil bacteria before they can be taken up by the plant. By the application of Ammonia on land that is low in humus the general foliage and root growth is stimulated and the amount of vegetable matter in the soil is multiplied many fold, in other words, humus is grown.

**PHOSPHORIC ACID** tends to ripen the plant earlier, bring out full, solid kernels in grain and give color to fruits and vegetables. A moderate application of Phosphoric Acid, in hastening maturity, will get your fruit and vegetable crops on the market ten days or two weeks earlier than if not fertilized. This will often more than double returns from your crops.

**POTASH—**The importance of this element should not be overlooked. It acts as a strong feeding tonic to all crops, giving healthy body to grain and luscious flavor and high color to fruit. In the form in which we carry it it is a wonderful insecticide and fungicide. For root affections of grain and forage crops and scab, etc., of potatoes and other truck it is unequalled; no market product, the keeping qualities and general appearance of which is desired to be first class, should be grown without an application of Potash.

**WIZARD BRAND SHEEP MANURE—**This is the best and strongest in fertilizing and enriching elements, as it contains Nitrogen, Phosphoric Acid, Ammonia and Potash in liberal proportions. Produces immediate and lasting effect. Promotes steady and rapid growth. It is very convenient to handle and easy to use. It is in concentrated form. In fact, the most efficient and practical fertilizer of today. Sheep manure is carefully selected, dried, pulverized and screened.

**For Lawns—**Pulverized Sheep Manure is the best possible fertilizer for the lawn. It should be applied by sprinkling lightly over the grass, same as one would sow grass seed. It requires no raking in. The color is not conspicuous and there is no objectionable odor.

**For the Garden—**After the crop has been harvested in the fall, the garden should be given a good coating of Sheep Manure. In the spring put on another light coat and turn it under, or sow lightly in the rows. By the use of this fertilizer large crops will result; they will mature early and they will be of superior quality. This product is the best fertilizer for the home garden yet offered.

**For Public Parks—**Sheep Manure is used on some of the best public parks in this country, including the beautiful park system of Kansas City. It is more efficient, easier to apply and has less odor than other fertilizers, and does not have to be raked up.

**For Truck Garden—**Sheep Manure is the best fertilizer for the truck garden, producing better and earlier crops of onions, celery and other vegetables.

**FOR FLOWER BEDS—**Free blossoming can be induced, or increased, by judicious use of Sheep Manure. Sprinkle it carefully in the beds and both foliage and blossoms will be large and vivid in color. A teaspoonful or so stirred in the soil about the roots of each plant two or three times during the season will give you astonishing results. Always water plants thoroughly after fertilizing.

Quick acting and safe. Valuable for mixing with potting soil. Makes rich liquid plant food. Put up as follows: 5 lb. box, 25c; 10 lbs., 45c; 25 lbs., 85c; 50 lbs., \$1.25; 100 lbs., \$2.00; 500 lbs., \$7.25; 1,000 lbs., \$13.00; 2,000 lbs., \$23.00.

**SWIFT'S SPECIAL POTATO AND VEGETABLE GROWER (3-8-3)—**For Onions, Potatoes and General Fruit and Root Crops—This brand is especially adapted for the crops mentioned, having plenty of potash and enough nitrogen to back it up. We advise not less than 500 pounds per acre for the best results. When a clover or green crop is plowed under before planting, 300 pounds per acre would be sufficient.

**ANALYSIS—**Ammonia, 3.00; Phos. Acid, 8.00; Potash, 3.00. Price, 125 lb. bag, \$3.00; per ton, \$40.00.

**SWIFT'S ONION, POTATO AND TOBACCO FERTILIZER (2-8-7)—**A high grade fertilizer especially adapted for tobacco and all kinds of vegetables; asparagus, beans, sugar beets, celery, cabbage, onions, potatoes, tomatoes, turnips; all kinds of vines, small fruits, fruit bearing trees. Gives excellent results on corn, oats and wheat wherever soils are deficient in Potash; namely, sand and loam soils.

**ANALYSIS—**Ammonia, 2.; Phos. Acid, 8.00; Potash, 7.00. Price, 125 lb. bag, \$4.00; per ton, \$50.00.

**MURIATE OF POTASH—**A form of potash salts to be used with bone meal and pure dried blood or natural fertilizers on fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, carrots, onions, peas, clover, and beans. It should not be used on potatoes, flax, sugar beets, cabbage or cauliflower.

**ANALYSIS—**Ammonia, 0; Phos. Acid, 0; Potash, 50. Price, per lb., 10c. Ask for prices.

**SULPHATE OF POTASH—**This fertilizer is used on all crops, but especially on tobacco, potatoes, flax, sugar beet, cabbage and cauliflower. It is the best for greenhouse use; may be applied either dry or in solution, tablespoonful in 12 quarts of water is the usual amount.

**ANALYSIS—**Ammonia, 0; Phos. Acid, 0; Potash, 48. Price, per lb., 10c. Ask for prices.

**BONE MEAL, HIGHEST GRADE—**It is ground fine and is an excellent top dressing for lawns, grass lands, farm and field crops, also for mixing with potting soil.

**ANALYSIS—**Ammonia, 1.75; Phos. Acid, 22; Potash, 0. Price, per lb., 10c; 25 lbs., \$1.00; 100 lbs., \$3.00.

**NITRATE OF SODA—**Nitrate of Soda is not a substitute for other manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must in some way furnish the plants with Nitrogen. No matter what manure or fertilizer is used the Nitrogen must be converted into Nitrate before the plants can use it. Price (subject to market changes), per lb., 10c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.30; 100 lbs., \$4.50; 500 lbs., \$20.00. Write for prices on larger quantities.

#### HOW TO USE NITRATE OF SODA.

Remove the lumps before using and break them up, which can be done by pounding. Use as a top dressing at the rate of 100 lbs. per acre on the following vegetables, when plants are well established: Beets, Cabbage, Cauliflower, Cucumber, Celery, Egg Plant, Lettuce, Spinach, Onions.

For Asparagus, a top dressing of 250 lbs. per acre just as soon as the first shoots make their appearance.

For Strawberries, a top dressing of about 100 lbs. per acre after the plants have blossomed.

For the Home Garden apply as a solution one ounce to two gallons of water.

**ANALYSIS—**Ammonia, 4.5; Phos. Acid, 2.5; Potash, 2. Price, 25-lb. bag, 85c; 50 lbs., \$1.25; 100 lbs., \$2.00; 500 lbs., \$8.75; per ton, \$24.00.

**LAND PLASTER, for Lawns—**Price, 100 lbs., \$1.25; 500 lbs., \$5.00; per ton, \$15.00.

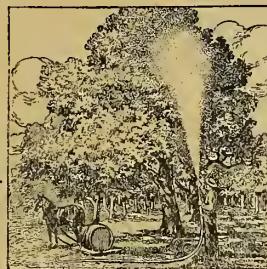
**BONORA, For House Plants—**A teaspoonful of Bonora dissolved in a pint of water and this solution poured around the roots of house plants will greatly invigorate them. Stir solution while pouring so as to keep it well mixed, and apply as often as the plants seem to need it—say every week or ten days, or until they are as healthy as you wish. 1/4 lb., 35c; postpaid, 40c; 1-lb. can, 65c; postpaid, 75c; 5-lb. can, \$2.50, not prepaid.

**MAGIC FERN FOOD—**Especially prepared for ferns. Per pkg., 25c; postpaid, 30c. Full directions on each package.

**WRITE FOR PRICES IF LARGER QUANTITIES ARE WANTED.**

## INSECTICIDES AND FUNGICIDES

SHERWIN AND WILLIAMS  
SPRAYING MATERIALS —  
Ask for the S. & W. handy  
book on spraying.



**"SPRAYING A PROFITABLE INVESTMENT"**—This the most complete information on all kinds of plant and tree pests and diseases; also the proper spray for different insects. Send 5c in postage and we will send this to you, or you can get it if you will call at either of our stores. **ASK FOR PRICES IN LARGER QUANTITIES.**

**ARSENATE OF LEAD**—The best of all arsenical insecticides; does not burn the foliage and as it shows white you can tell just what has been sprayed; sticks well to the foliage; death to all leaf-eating insects. Apply at rate of 1 oz. to 1 gallon. 1 lb., 20c; 5 lbs., 75c; 25 lbs., \$2.65; 50 lbs., \$5.00; 100 lbs., \$9.00. Special price on large quantities.

**LIME SULPHUR SOLUTION**—A perfect scale and fungous destroyer; special for plum and peach trees, which need fall and spring treatment; cures peach leaf curl. Use during dormant period. Protect the hands with gloves when applying. Dilute with ten parts of water. 1-qt. can, 25c; 2-qt. can, 35c; 1 gal. can, 50c; 5-gal. can, \$1.75; 50-gal. barrel, \$9.00; 2 bbls., \$17.00.

**BORDEAUX MIXTURE**—**In Fine Pulp or Liquid Form**—The finest and best article of its kind made in America. Ready for immediate use. Works freely, without clogging, in any spraying machine. To be diluted 25 to 50 times with water and sprayed. The uniformity of its consistence permits of very fine spray and consequent large economical distribution of a small quantity evenly over a large area of surface. Prevents black rot, mildew and rust. Destroys fungous growth on vegetables. 1-qt. can, 50c; gal., \$1.50; 5 1-gal. cans, \$6.25.

**BORDEAUX MIXTURE**—Dry form, 10-lb. package, 75c.

**SULPHATE OF IRON**—A solution of Sulphate of iron and water at the rate of two pounds to one gallon of water will kill dandelions and if used several times will drive them from your lawn. Should be thoroughly dissolved and lawn sprayed with a spray pump will not injure blue grass. 1 lb., 10c; 3 lbs. for 25c; 10 lbs. for 75c; 25 lbs., for \$1.25.

**S. & W. PRUNING COMPOUND**—This paint has a heavy oil body which dries on the cut of trees or shrubbery, an elastic film, will last as long as paint can be made to last. It will thoroughly seal up the open wound. It should by all means be used after pruning trees or shrubbery. Per qt., 35c; per gallon can, \$1.00.

**NIKOTEEN** is not only the best insecticide known, but is free from the risk of staining blooms or by drying unevenly leaving a darker spot on the leaves, which cannot be said of the oily or soapy remedies.

**Nikoteen bath or spray can be used on the most delicate foliage, plant or fruit, when diluted with water as directed.**

Spraying of plants, etc., should be done late in the day, early in the morning or on cloudy days, so as to avoid the direct rays of the sun. With indoor plants a moderately cool room is to be preferred. One thorough careful spraying will exterminate the insects then alive; but in cases where plants have been long infected a second one should be given to kill the crop from eggs on the ground which hatch after the first spraying was given. The above applies to plants in greenhouses or conservatories. Out doors conditions are different and are affected by proximity to other unsprayed plants, shrubs and certain varieties of trees on which the aphis feed. Full directions with each package. 1 1/4 oz. bottle, 40c; 1/2 lb. bottle, 85c; 1 lb. bottle, \$1.50; 4 lb. bottles, \$5.00; 8 lb. bottle, \$10.00.

**APHINE**—The insecticide that kills plant lice of every description; a strong nicotine extract; dilutes one part to 40 parts of water. 1 qt., \$1.00; 1 gal., \$2.50.

**APHIS PUNK**—This is the strongest tobacco paper on the market. Does not injure blooms and furnishes the easiest method for fumigating ever devised. Per box, 60c; case of 12 boxes, \$6.75.

**SULPHUR, POWDERED**—For mildew. Lb., 10c; 5 lbs., 40c; 10 lbs., 60c; 50 lbs., \$2.50; 100 lbs., \$4.00.

**TOBACCO DUST**—For dusting plants affected with aphis; also used on squash vines and melons, and now largely used for fumigating. 1 lb., 10c; 3 lbs., 25c; 25 lbs., \$1.00; 100 lbs., \$3.75.

**SULPHUR TOBACCO SOAP**—One of the best insecticides for general use; easily prepared; should be used early in the season on outdoor plants, thus preventing attacks of insects, and for washing down house plants during the winter. Full directions with each package. Best for sweet peas. 8 oz. cake, 20c.

**CUT WORM KILLER**—We now offer STERLING-WORTH CUT WORM KILLER as a preparation, which is quick and sure in effect and non-poisonous to animals. It is so alluring to Cut Worms that they are irresistibly attracted to it and eat it in preference to any vegetation. One pound is sufficient for 175 plants when in hills, and 150 linear feet of plants when in rows. Put up as follows: 1 lb. sprinkler top boxes, 25c each; 5 lb. tin cans containing sprinkler top box, \$1.00 each.

**ANT EXTERMINATOR**—For destroying ants in house, lawn and garden. 1 lb., 25c.

**\*BUG DEATH**—There is absolutely no preparation on the market that will rid your vines and leaves of the income killing pests so satisfactorily, thoroughly, economically and speedily without the remotest possibility of injury to plant, leaf or vine in any way as Bug Death. Will not injure melon or cucumber vines. 1-lb. pkg., 15c; 3 lbs., 35c; 5 lbs., 50c; **Dickey Bug Duster** for applying dry, 25c.

**\*SLUG SHOT**—One of the cheapest and best powders for destroying insects. 1 lb. carton, 15c; 5 lbs., 35c; 25 lbs., \$1.50; 50 lbs., \$3.00; 100 lbs., \$5.50.

**\*WHALE OIL SOAP**—Used during the summer as a wash, thus preventing the spread of scale. 1/2 lb. pkg., 15c; 1 lb. pkg., 25c.

**KEROSENE EMULSION**—Used as a summer wash against scale, plant lice and aphid. Ready for use by simply adding water. 1-qt. can, 50c; 1-gal. can, \$1.50; 5 1-gal. cans for \$6.25.

**HELLEBORE**—For currant worm and sucking insects. 1/2 lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

**PARIS GREEN**—For potato bugs and other eating insects. 1/2 lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

**TREE TANGLEFOOT**—For protecting trees against climbing insect pests in a simple, economical and effective way. Tree Tanglefoot, a sticky substance applied directly to the bark of the tree. One application remains sticky on the trees three months fully exposed to weather. Easily applied with small wooden paddle. One pound will spread 8 feet long by 5 inches wide, 1-16 inch thick. 1 lb. can, 30c; 3 lb. can, 85c.

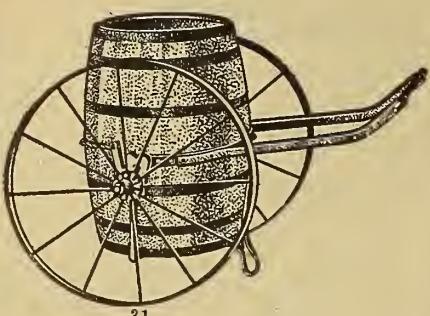
**RAT SWAT**—We have used rat swat in our stores and warehouses for several seasons, and consider it the best rat poison that has ever been offered. It mummifies the rats and we have never been annoyed by the odor. Directions should be followed carefully. Put up as follows: Small package, 25c; medium package, 50c; large package, \$3.00.

**CARBON BI-SULPHIDE**—Used by grain dealers, seed dealers, etc., for killing weevils in different seeds and grains. Kills by evaporation. Also will kill tree boars if properly used. Small bottles, 25c.

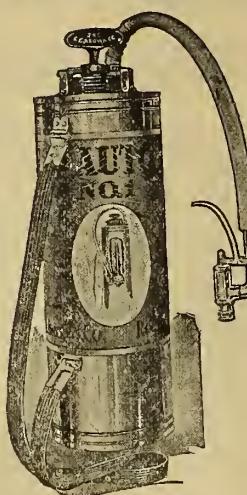
# SPRAY PUMP AND GARDEN TOOLS



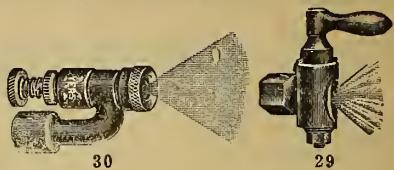
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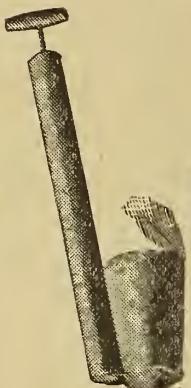


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**No. 25. BUCKET SPRAY PUMP**—Brass barrels, throws continuous stream. Each, \$3.00.



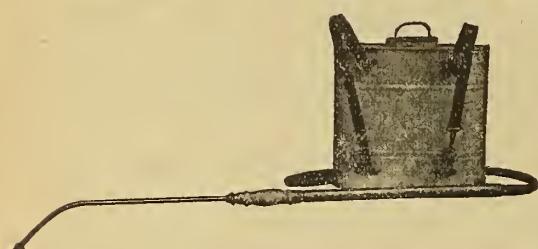
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**No. 26. BARREL SPRAY PUMP**—The Lightning Barrel Spray Pump has great capacity and will throw a solid, continuous stream or any size spray desired. The air is compressed into the air chamber, thereby giving an unbroken stream; with one stroke of the pump handle the pressure is retained so that the working of the pump handle is very slow, and yet giving a great force of water, which is accomplished by the compressed air chamber, making it the most rapid spray pump made. The agitator thoroughly stirs the liquids and prevents it from settling. It is provided with a brass strainer in the bottom of the suction barrel. The suction barrel is made of heavy brass, ground together so that all parts fit absolutely air tight, and will not corrode or rust out. This pump is easily and quickly adjusted to any barrel, provided with means of bolting to the staves of the barrel at the upper end. Complete with 15 feet of hose base and agitator, \$8.50.

**No. 27. AUTO COMPRESSED AIR SPRAYER**—Holds four gallons; easily carried; one pumping will spray ten minutes. Galvanized iron, each, \$5.50. Brass body, \$7.75.

**No. 28. HAND SPRAYERS**—Lowell's extra long stroke for liquids. Each, 50c; for powder, each 75c.

**No. 29. SPRAY NOZZLE**—Bordeaux and white wash. Each, 80c, prepaid.

**No. 30. SPRAY NOZZLE**—Vermoral, for general spraying. Single, each 80c. Vermoral Double, each, \$2.00, prepaid.

**No. 31. BARREL CART**—For use with barrel, steel frame; diameter of wheels, 36 inches, with 2-inch oval steel tires; frame painted green, wheels painted yellow, all parts varnished. Without barrel; weight, 75 lbs.; each, \$8.50. Barrels extra, each, \$1.50.

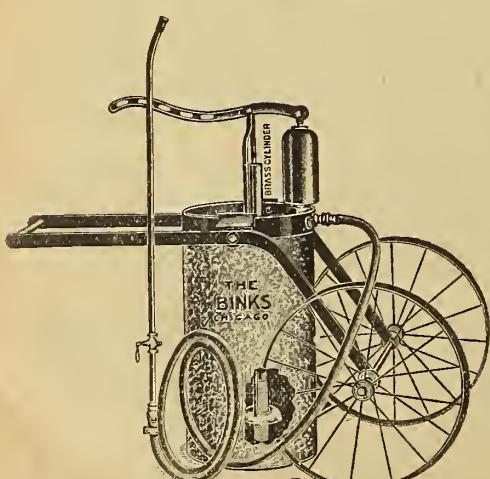
**No. 32. BINK'S CHICAGO SPRAYER AND CART**—Pump cylinder seamless brass tubing 1 1/4 inches in diameter, bronze ball valve, seats and all working parts of brass, iron air chamber, all of which is rigidly bolted to a 12-gallon galvanized steel tank or liquid container. The machine is equipped with dasher agitator which at each operation of the pump handle cleans suction strainer of any sediment collecting thereon and prevents all clogging. The machine is equipped with substantial 16-inch steel wire wheels.

Machine complete, as illustrated, with 10 feet Star Special 1/2-inch discharge hose and couplings, spray pipe complete with 1/4-inch cock, one Star nozzle. Price, \$15.50. Net weight, 45 lbs.; gross weight, 65 lbs.

**No. 33. CHICAGO ROSE SPRAYER**—The most complete sprayer for sprinkling a vegetable garden and is used to a great advantage in sprinkling lawns, flower beds and is particularly adopted for home use. Will fit any hose and is easily cleaned and will last a lifetime. Every greenhouse man should have this sprayer. Each, postpaid, \$2.50.

**No. 34. BOSTON ROSE SPRAY**—Can be attached to any ordinary garden hose and is made of brass all over. Throws a very fine spray and is used entirely for flower beds. Each, 75c; postpaid, 85c.

**No. 35. THE STANDARD SPRAY PUMP** is in reality simply a very carefully designed and accurately made "Squirt Gun," provided with a proper outfit of nozzles. Standard Spray Pump with knapsack, each \$7.00. Standard Spray Pump with 3 1/2 foot hose, to be used with a bucket or barrel, each, \$4.00. 19 inch Extension Rods, each, 75c.

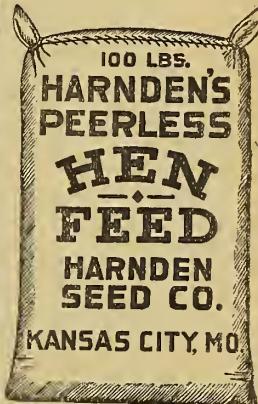


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## POULTRY SUPPLIES



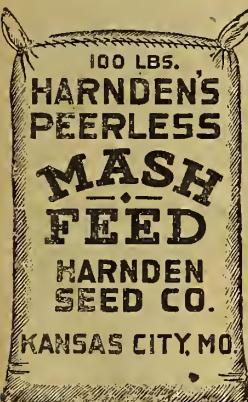
**HARNDEN'S PEERLESS HEN FOOD** — Harnden's Peerless Hen or Scratch Feed is a balanced ration containing a large percentage of egg producing material—it is composed of selected grains, well dried and matured, and is especially adapted for fowls during the winter and moulting season. By feeding Harnden's Peerless Feed you will keep your flock in a healthier condition on account of the balance of the ration and because of the digestion of the food. Per 100 lbs., \$2.25.



**PILLING'S CAPONIZING TOOLS** — Poultrymen can double their profits by Caponizing. The operation is very simple—the instructions so full and explicit that any man or woman, after a careful reading, will be able to perform the operation. The object of Caponizing is to largely increase the weight of the fowl, causing them, in many cases, to grow as large as turkeys. Per set, \$2.75, post-paid; \$2.50, not prepaid.

**HARNDEN'S PEERLESS MASH FEED** — It is the best balanced ration for dry hopper feeding: is best when kept before the fowls dry in the hopper all the time. It may also be fed wet as a morning mash, whether for chickens, pullets, hens, cockerels, capons, ducks, turkeys or geese. All the ingredients it contains are of the best, and it is therefore especially valuable as a food for breeding fowls and ducks. You may mix your table scraps if you wish. If fed according to directions will not fail to give perfect satisfaction. No feed in existence equals it to make hens lay. Specially valuable for winter feeding.

Harnden's Mash Food will feed further than similar preparations on the market, and if fed according to directions will give an abundance of eggs all the year around. It is being fed daily to thousands of poultry. Eggs are high in price, and every poultry raiser should be interested in getting more eggs at less cost. Order a bag at once. Harnden's Mash Food is cheap to feed. 10 lbs., 30c; 50 lbs., \$1.50; 100 lbs., \$2.50.



Use BLOOD MEAL with Mash Feeds

It Helps

USE A MASON JAR FEEDER  
FOR YOUR CHICKS  
IT WILL SAVE TROUBLE

**HARNDEN'S PEERLESS CHICK FEED** — A prepared balanced ration feed. Especially adapted for feeding young chicks. Contains sweet and tender cracked grains, seeds and other ingredients that are best adapted to give nourishment to growing chicks. Each article is carefully selected with the view to its quality, soundness and adaptability of the young chick. It is a complete feed, requiring nothing in addition except green feed, grit and water. 7 lbs., 25c; 25 lbs., 85c; 50 lbs., \$1.50; 100 lbs., \$2.50.

**HARNDEN'S PEERLESS PIGEON FEED** — A prepared balance ration feed. Especially adapted to the growth of young pigeons and squabs. Makes the best general feed for all kinds of fancy and domestic pigeons. Keeps the birds healthy and develops shape, style and plumage to a remarkable degree. As a foundation food it has no equal. 10 lbs., 30c; 50 lbs., \$1.50; 100 lbs., \$2.75.

**CANADA PEAS FOR PIGEONS** — Pk., 75c;  $\frac{1}{2}$  bu., \$1.60; bu., \$3.00.

**HEMP SEED FOR PIGEONS** — 10 lbs., 85c; 25 lbs., \$1.75; 100 lbs., \$6.50.

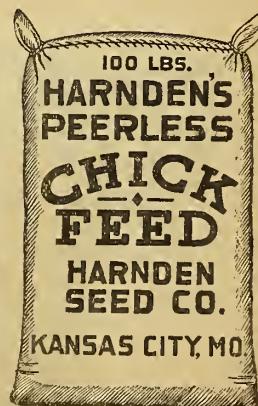
**WHEAT FOR PIGEONS** — Ask for prices.

**KAFFIR CORN** — A very valuable food for poultry, pigeons, etc. Its nutritive value is nearly as great as corn, oats and barley. Bags contains about 150 lbs. Ask for prices.

**UNMIXED GRAINS** — We carry at all times the best grades of unmixed grains for poultry, and will give prices on application, such as wheat, cracked corn, oats, corn meal, shorts, bran, hemp, Sunflower millet.

**BIRD SEED** — Bird Seed in 1 lb. cartons, each, 10c. Hemp, Blrd Rape, Blrd Millet, Sunflower Seed, 10c per lb.

When sent by mail postage is 5c per lb. extra.



**GROUND BEEF SCRAPS**—Beef scraps are rich in materials which make bone, muscle and lean meat. They insure health, thrift and vigor and satisfy the natural craving of the bird's system for flesh food in some form. No other meat food is so highly concentrated and no substitute is so convenient for handling and storage. Will keep in any climate under all conditions. 5 lbs., 25c; 10 lbs., 50c; 100 lbs., \$3.75.

**BLOOD MEAL**—Pure Blood Meal, or dried blood, is a great protein carrier and as an egg producer it stands high on the list. The grade we offer is especially prepared by a process which eliminates disease germs and other undesirable elements. 5 lbs., 25c; 10 lbs., 50c; 100 lbs., \$4.00.

**CRUSHED BONE (FINE OR COARSE)**—It is made from fresh bones from which the moisture has been taken, leaving nothing but the phosphates, lime and protein. Bone is especially valuable as a bone builder. 6 lbs., 25c; 25 lbs., \$1.00; 100 lbs., \$3.00.

**CHARCOAL**—To keep fowls in a healthy state a regulator of some kind must be fed. Nothing takes the place of charcoal in this respect, as it purifies the blood, aids digestion and tones up the whole system. No matter whether your fowls are young or old, give them an occasional feed of charcoal. Two sizes, fine and coarse. 6 lbs., 25c; 50 lbs., \$1.50; 100 lbs., \$2.50. Comes 50 lbs. to the sack.

**ROLLED OATS**—Especially good for young chicks and is used a great deal in mash feeds by our large poultry raisers. 5 lbs., 25c; 10 lbs., 45c; 100 lbs., \$4.00.

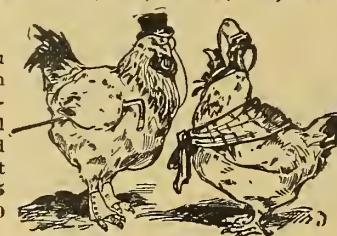
**ALFALFA CLOVER MEAL**—This is today considered an absolute necessity, and is the standard "green" for winter egg production. 8 lbs., 25c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.00.

**FLAX SEED MEAL**—Made from pure ground flax seed. 3 lbs., 25c; 10 lbs., 80c; 100 lbs., \$6.25.

**OIL CAKE MEAL**—Made from pure ground flax seed with the oil pressed out. 6 lbs., 25c; 10 lbs., 40c; 100 lbs., \$3.00.

**COTTON SEED MEAL**—Used by many poultry raisers for show birds; will make the feathers glossy and will put birds in fine shape. 6 lbs., 25c; 10 lbs., 40c; 100 lbs., \$2.50.

**GLUTEN MEAL**—You should use Gluten Meal in your mash feeds; it is a by-product of starch and will keep your poultry in good condition. Helps to digest their food. 6 lbs., 25c; 25 lbs., 85c; 50 lbs., \$1.55; 100 lbs., \$2.75.



GLUTEN MEAL MAKES US FEEL GOOD.

### MOE'S SANITARY FEEDING TROUGH



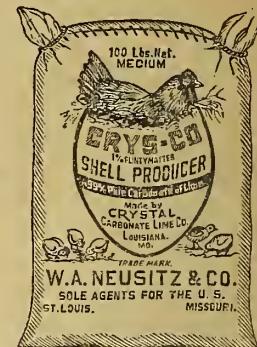
Can Be Used for Feed, Wet Mash or Water.



The feed saved by using this trough will more than pay for itself in a few weeks. Made of the best grade of galvanized iron in three sizes.

No. 21, 12 inches long.....\$0.25  
No. 22, 18 inches long.....50  
No. 23, 24 inches long.....75

**STEEL CUT OATS**—Steel Cut Oats are also fed to young chicks; should be mixed in with the regular chick feed two or three times a week. 5 lbs., 25c; 10 lbs., 50c; 100 lbs., \$4.50.



**CRYS-CO GRIT**—Crys-Co not only answers the purpose of a grit, but is one of the best shell producers ever put on the market. Contains a high percentage of limestone. Comes in two sizes, chick size, broiler size. 15 lbs., 25c; 50 lbs., 65c; per 100, \$1.00.

**CRUSHED SHELL FOR POULTRY**—This is not clam shell. A great many firms are offering oyster shells at a cheap price and shipping clam shells, which are very inferior as a poultry food. Advantages gained by the use of it: It acts as a grit and prevents cholera and other diseases. It makes the hens lay more. It prevents soft shells. It contains many essential compounds of the egg. It makes eggs larger and heavier; is sharp and clean and contains 95 per cent of carbonate of lime, as shown by the chemical analysis. Send us a trial order. You cannot afford to be without it. 15 lbs., 25c; 50 lbs., 70c; 100 lbs., \$1.20.

### MOE'S TRIPLE COMPARTMENT GRIT AND SHELL BOX



Can Also Be Used as a Feed Hopper for Little Chicks.



Grit, shell and charcoal has now become a recognized essential part of the diet, insuring healthy fowls, and it cannot be more economically supplied than in one of these triple compartment boxes.

No. 9, Moe's Grit Box, capacity about  $\frac{1}{2}$  bushel.....\$0.50  
No. 90, Four compartments.....75

### MOE'S WALL FOUNTAIN



Can Be Hung Up Out of the Litter.



Very easy to fill. A strong substantial fountain at a low price. Made in three sizes.  
No. 25, of about  $\frac{1}{2}$  gallon capacity.....\$0.35  
No. 26, of about 1 gallon capacity.....50  
No. 27, of about 2 gallon capacity.....75

### MOE'S STAR JAR FOUNTAIN AND FEEDER

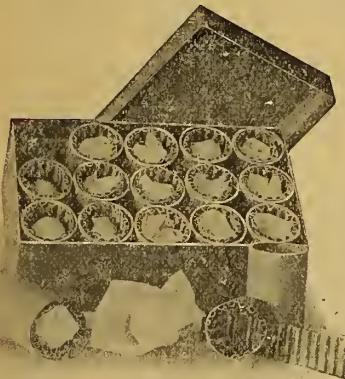


#### MOE'S JAR FEEDER AND FOUNTAIN.

Any size Mason jar fits it. We do not furnish the jars, as everybody has them on hand, thereby saving the extra expense. Each, 10c; per doz., \$1.00.



## POULTRY SUPPLIES (Continued)



## REGAL EGG

## CARRIER.

Each.

|               |        |
|---------------|--------|
| 15 egg size.  | \$0.20 |
| 30 egg size.  | .30    |
| 50 egg size.  | .65    |
| 100 egg size. | 1.00   |

Patented.

**HAND GRINDING MILL** — In this mill are embodied all the good features of other hand grinding mills to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc. for feeding to poultry. It is a well designed machine, is strong and well made throughout, and of excellent finish; has a 16-inch flywheel and is light running. Shipping weight, 40 pounds. Capacity, 1 or 2 bushels per hour. Each, \$3.75.



**BROOD COOPS**—Our Galvanized Iron Coops won't rust, and will last a lifetime; are rat, weasel, mink and skunk proof and mites cannot live in an iron house. It is dry and won't absorb moisture. It is easily cleaned and is perfectly sanitary. It is put together in grooves and slides, and is held solid simply by small bolts, which may be removed and the coop taken apart in a few seconds. Will hold about 25 chicks and one hen. Size of coop, diameter at bottom, 21 $\frac{1}{4}$  inches; height at center, 20 inches. Round or Square, each, \$1.75; per doz., \$17.50.



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PAT. APPLIED FOR

**CHAMPION LEG BAND**—“Champion,” see cut. Made of aluminum. 12 for 15c; 25 for 30c; 50 for 50c; 100 for \$1.00; postpaid.

**ALUMINUM PIGEON AND BANTAM BANDS**—Made solid, as shown in cuts. In ordering Bands state size and style wanted. Doz., 20c; 25 for 35c; 50 for 65c; 100 for \$1.00; prepaid.

## PRATT'S FOODS AND REMEDIES.

Poultry Regulator, 25c, 50c.

Poultry Regulator, 12-lb. bucket, \$1.25.

Poultry Regulator, 25-lb. bucket, \$2.50.

Powdered Lice Killer, 25c.

Roupe Cure, postpaid, 25c and 50c.

Gape Cure, postpaid, 25c and 50c.

Cholera Cure, postpaid, 25c and 50c.

White Diarrhoea Remedy, postpaid, 25c and 50c.

Germothol, bottles, 25c and 50c.

Liquid Lice Killer, qt., 35c; 2 qts., 60c; 4 qts., \$1.00.

Chick Lice Ointment, 10c and 25c pkg., postpaid.

## PRATT'S HORSE AND CATTLE REMEDIES.

Animal Regulator, 25c, 50c, \$1.75,

\$3.50.

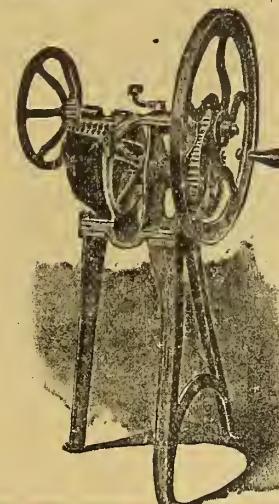
Heave Cure, 50c.

Liniment, bottles, 25c, 50c.

Bag Ointment, 25c and 50c.

Cow Tonic, 50c.

Calf Tonic, pkg., 50c.



**HUMPHREY'S BONE CUTTERS**—The only bone cutters that are practical vegetable and kraut cutters.

No. 1—Hand Power, \$11.00  
 No. 2—Small Power, 13.50  
 No. 2 $\frac{1}{2}$ —H'd and P., 15.00  
 No. 6—Med'm Power, 22.00  
 No. 3—Direct Power, 35.00  
 No. 4—Gear'd Power, 45.00

**HUMPHREY'S CLOVER CUTTER**—A machine that will cut clover or alfalfa any size. Bench Clover Cutter, weight 85 lbs., \$8.00. Stand Clover Cutter, weight 105 lbs., \$9.50.

## MOE'S NEVER CLOG AND WASTE PROOF HOPPER



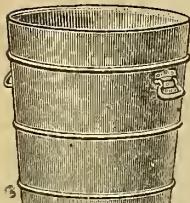
Patent Pending.  
 LARGE IN CAPACITY AND  
 SMALL IN PRICE.



This hopper is constructed on a principle hitherto unused. Does away with all trouble of feed clogging, no matter how coarse. The gradual enlargement to the base together with the vibration of the fowls feeding from the trough will force the feed downward. It is a great feed saver. Every safeguard has been placed in the construction of the trough to prevent the birds from throwing out the feed. A trial will convince you that it is a hopper of the greatest merit. Manufactured of heavy galvanized iron in three sizes:

|                                                        |       |        |
|--------------------------------------------------------|-------|--------|
| No. 35—8 $\frac{1}{2}$ inches wide, 12 quarts capacity | ..... | \$0.75 |
| No. 36—12 inches wide, 18 quarts capacity              | ..... | 1.00   |
| No. 37—24 inches wide, 36 quarts capacity              | ..... | 1.50   |

## Miscellaneous Supplies



**PLANT TUBS**—Made of cedar with electric welded hoops; painted green, with drop handles, presenting a very neat appearance. Six sizes, measuring across top on inside. Price, each, 8-inch, 65c; 10-inch, 85c; 12-inch, \$1.00; 14-inch, \$1.25; 16-inch, \$1.50; 18-inch, \$2.00; 20-inch, \$2.25.

**CANE PLANT STAKES**—Light, strong cane stakes for supporting flower and vegetable plants. Run from six to eight foot in length. Can be cut in half and used for Gladiolus and smaller plants. Per doz., 20c; per 100, \$1.25; 500 for \$5.00; per 1,000, \$9.00.

**CANE STAKES DYED GREEN**—About four feet in length. Per doz., 20c; per 100, \$1.25; 500 for \$5.00; per 1,000, \$9.00.

**POT PLANT STAKES, DYED GREEN**—About 18 inches long. Just the thing for Easter Lilies and potted plants of that kind, which need support. Per doz., 10c; per 100, 60c.

### LABELS, POT AND TREE.

| Tree Labels, 3½ inches-<br>es; notched and copper<br>wired; per 100, 30c; per<br>1,000, \$1.75. | Size              | Per Doz. | Per 100 |
|-------------------------------------------------------------------------------------------------|-------------------|----------|---------|
|                                                                                                 | 4-in. Wooden....  | \$0.05   | \$0.25  |
|                                                                                                 | 5-in. Wooden....  | .05      | .35     |
|                                                                                                 | 6-in. Wooden....  | .07      | .40     |
|                                                                                                 | 10-in. Wooden.... | .10      | .60     |
|                                                                                                 | 12-in. Wooden.... | .10      | .85     |

**PLAIN PAPER FLOWER POTS**—Waterproof; just the thing for potting bedding plants, tomato and pepper plants. Two sizes. 2½-inch, per doz., 15c; per 100, 60c; 500 for \$2.50; 1,000 for \$3.50; 3-inch, per doz., 20c; per 100, 75c; 500 for \$2.75; 1,000 for \$5.00.

We also handle earthenware flower pots and fern pans. Write for prices.

**WATERING CANS**—Made of heavy galvanized iron in three sizes: 4 qt., each, 40c; 6 qt., 50c; 8 qt., 60c.

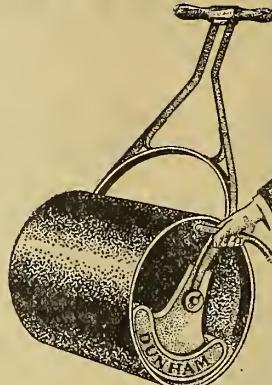
**SPECIAL LONG SPOUT WATERING CANS**—Heavy galvanized iron with spout about 18 inches, 24 inches long. Are supplied with two brass sprinklers, so that either a fine or coarse spray can be used. Come in two sizes: 8 qt., each, \$2.00; 10 qt., each, \$2.50.

**WIRE HANGING BASKETS**—Extra heavy wire hanging baskets, made by hand, much more substantial than most baskets offered by some stores. Painted green. In four sizes: 8 inch, each, 15c; 10 inch, each, 20c; 12 inch, each, 25c; 14 inch, each, 35c.

We also can supply green sheet moss for lining baskets at 25c per lb.; 10 lbs. for \$2.00. Gray or Sea Moss, 20c per lb.; 10 lbs. for \$1.75.

**TREE WRAPPERS**—Made of wood; used for protecting young fruit trees; come 100 in a bundle. Per 100, 90c; per 1,000, \$6.50.

**GRAFTING WAX**—Per 1-lb. can, 35c each.



**LAWN ROLLER**—A lawn roller will eradicate weeds, keep grass from drying out in spots and promote even growth from a hard, smooth surface, over which the mower will operate to perfection. The Dunham Lawn Roller to be filled with water or sand. No. 2 weighs, empty, 120 lbs.; water filled, 260 lbs.; sand filled, 360 lbs.; each, \$10.50. No. 4 weighs, empty, 135 lbs.; water filled, 360 lbs.; sand filled, 560 lbs.; each, \$13.00.

**FLOWER BOXES**—Made of heavy galvanized iron; will last a lifetime; come in three sizes; make a neat appearance on any porch. Each, 2 ft. long, \$1.75; 3 ft., \$1.90; 4 ft., \$2.00.

### GARDEN AND FARM BOOKS.

**Broom Corn Culture**. By A. G. McCall. Each, 50c.  
**Soils**. By Chas. William Burkett. Each, \$1.25.  
**Farm Grasses**. By W. J. Spillman. Each, \$1.00.  
**Ginseng Culture**. By N. G. Kains. Each, 50c.  
**Amateur's Practical Garden Book**. By Hunn & Baily. Each, \$1.00.

**Asparagus Culture**. By F. M. Hexamer. Each, 50c.  
**The New Rhubarb Culture**. By J. E. Morse and G. B. Fiske. Each, 50c.

**Celery Culture**. By W. R. Beattie. Each, 50c.  
**Mushroom Culture**. By Dr. B. M. Duggar. Copy-righted by American Spawn Co. Each, 35c.  
**Practical Floral Culture**. By Peter Henderson. Each, \$1.50.

**Landscape Gardening**. By F. A. Waugh. Each, 75c.  
**Beautiful Garden**. By T. S. Mathews. Each, 40c.  
**Bulbs and Tuberous Rooted Plants**. By C. L. Allen. \$1.50.

**Ferns and How to Grow Them**. By G. A. Woolson. \$1.10.

**Window Flower Garden**. J. J. Heinrich. Each, 50c.

**CAHOON SEEDER**—All metal broadcast grass and grain seeder; will sow from 4 to 6 acres per hour; hopper holds 22 quarts. Price, each, \$3.00.

**CYCLONE SEEDER**—A good all around wood and metal crank broadcast seeder, regular size. Each, \$1.50.

**LITTLE WONDER**—Same as the Cyclone, only smaller. Each, \$1.25.

**COTTON TWINE**—4-ply, in balls, packed, 5 lbs. in a package. For tying vegetables. Per 5-lb. pkg., each, \$1.25.

**JUTE TWINE**—For sewing sacks; also used for tying grape vines. Per 5-ft. skein, 15c each; 6 skeins for 75c; 10 for \$1.00.

**BLUE GRASS STRIPPERS**—Hand strippers that do the work successfully and are just the thing where there is not enough blue grass to warrant the expense of using a power machine. Each, \$1.75; 6 for \$9.00.

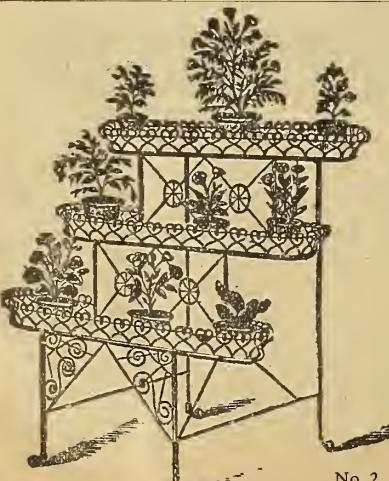
### WIRE PLANT STANDS.

These stands are made of heavy galvanized wire painted green with gold bronze trimming, well brassed and built on casters so as to be easily moved around. We keep in stock the following sizes, two shelf square stand, three shelf square stand, three shelf half round stand. The pictures below show the three shelf square stand and the three shelf half round stand. If odd size stands are wanted, give us measurements and description and we will make you.

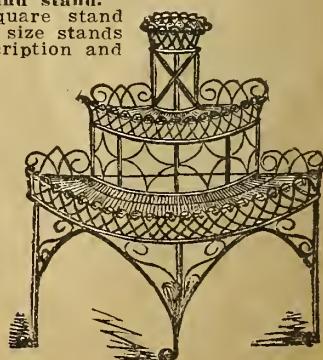
**No. 1—Two shelf square stand.** Occupies a space of about 20 by 36 inches. Shelves are 36 inches long by 9 inches wide. Lower shelf about 24 inches from the floor, upper shelf about 32 inches from the floor. Price, each, complete, \$4.00.

**No. 2—Number three shelf square stand** occupies space about 30 to 36 inches. Shelves 36 inches long, 9 inches wide. Lower shelf about 20 inches from floor. Middle shelf about 30 inches from floor. Top shelf about 40 inches from floor. Price, each, \$5.00.

**No. 3—Three shelf half round stand** covers floor space about 20 by 46 inches. Shelves are 9 inches wide. Lower shelf 65 inches long, 22 inches from floor. Middle shelf 22 inches long, 20 inches from the floor. Top shelf holds one large 10 inch pot and is 38 inches from the floor. Price, each, \$6.00.



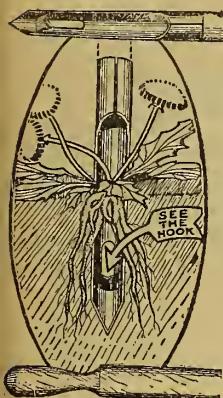
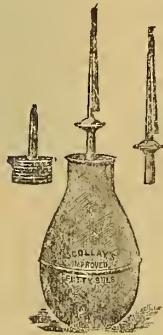
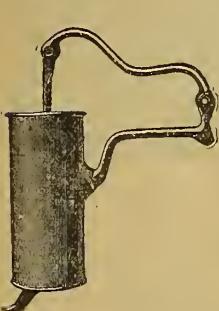
No. 2



No. 3



## GARDEN TOOLS

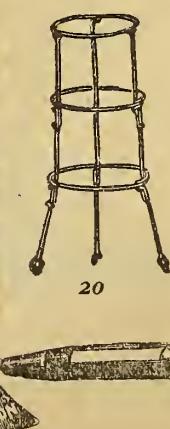
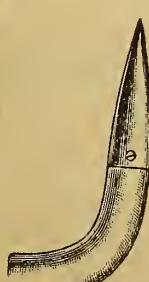


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11

1. **Soil Thermometer**—Brass pointed; glass cylinder 16 inches long. Each, \$1.25; prepaid, \$1.40.
2. **Nurseryman's Spade**—Best quality, blade 14 inches long. Each \$1.00.
3. **Asparagus Knife**—Trowel shank, blade 15½ inches. Each, 40c; prepaid, 50c.
4. **Putty Distributor**—For putty or mastic, made of rubber. Each, \$1.00; prepaid, \$1.10.
5. **Mastic Machine**—For applying mastic, made of metal. Each, \$1.35, prepaid, \$1.50.
6. **Plant Sprinkler**—Made of rubber, 7 or 12 oz. capacity. Each, \$1.25; prepaid, \$1.40.
7. **Glazing Points (Peerless)**—The standard glazing point. Per 1,000, 60c; prepaid, 75c.
8. **Hall Dandelion Puller**, with patented root hook, gets the roots without tearing up the lawn—kills the dandelion—nothing left to start new growth. Each, 50c. in. ash handle.
9. **Pruning Shears**—Steel blade, 20-in. ash handle. Each 85c.
10. **Pruning Shears**—Steel blades, pressure spring. Each, 75c; prepaid, \$1.00.
11. **Grass Shears**—Hardened steel blades. Each, 50c; prepaid, 65c. **Raffia**—For tying plants. Per lb., 30c; 5 lbs. for \$1.25.
12. **Weeder (Hand)**—Hazeltine improved. Each, 25c; per doz., \$2.50.
13. **Trowel**—Common, each, 25c; good steel, 30c; best steel, 35c. **Watering Cans**—4 qt., each, 40c; 6 qt., 50c; 8 qt., 60c.
14. **Weeder (Excelsior)**—Hand. Each, 10c; prepaid, 15c.
15. **Dibber**—Wood handle, steel point. Each, 40c; prepaid, 50c.
16. **Grass Edger**—4 ft. handle, steel blade. Each, 75c.
17. **Tomato and Peony Support**—Hickory stakes, 2 ft., 8 in. high. Each, 20c; per doz., \$2.00.
18. **Weeder**—Jackson onion hoe. Each, 30c; prepaid, 40c.
19. **Fork Weeder**—Hand, wood handle. Each, 25c; prepaid, 35c.
20. **Hanging Basket**—Wire, painted green. Each, 8 in., 15c; 10 in., 20c; 12 in., 25c; 14 in., 35c.



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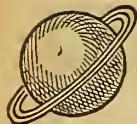
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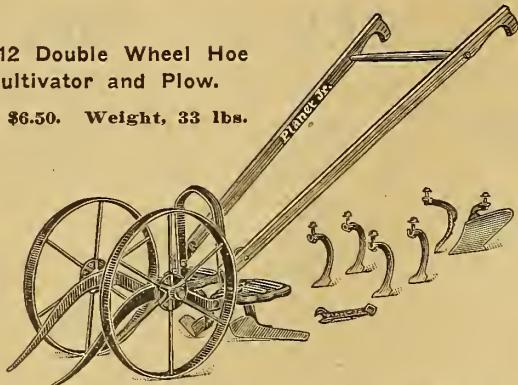
# Planet Jr. Garden Tools



Plan Jr. Tools are better made, better finished and capable of more work than any others on the market.

No. 12 Double Wheel Hoe  
Cultivator and Plow.

Price, \$6.50. Weight, 33 lbs.



This tool has one pair plows, one pair hoes and four cultivator teeth. The tools sold with No. 12 are what gardeners use most, and others can be added as wanted.

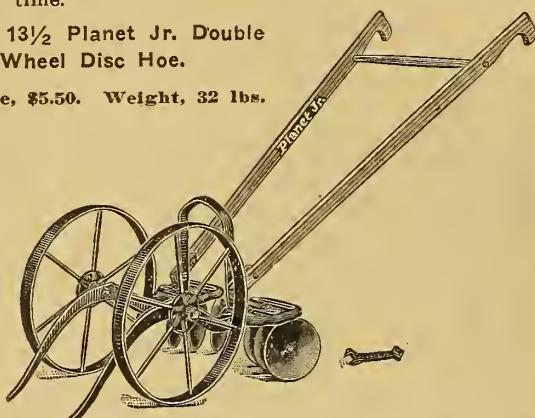
No. 13 Double Wheel Hoe

Price, \$4.75. Weight, 27 lbs.

This tool is the No. 12, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 12 may be added at any time.

No. 13½ Planet Jr. Double  
Wheel Disc Hoe.

Price, \$5.50. Weight, 32 lbs.



This tool has one pair of discs and one pair of leaf lifters only.

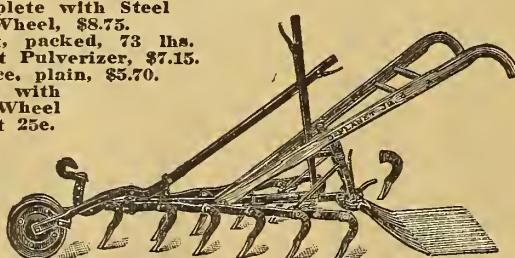
Planet Jr. Twelve-Tooth Harrow, Cultivator and  
Pulverizer

Complete with Steel  
Wheel, \$8.75.

Weight, packed, 73 lbs.  
Without Pulverizer, \$7.15.

Price, plain, \$5.70.

Fitted with  
Cast Wheel  
deduct 25c.



Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cuts out all the weeds, stirs the soil and pulverizes it as fine as with a garden rake. You widen and narrow as you please between 22 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.



Double Wheel Hoes at Work in a Large Market Garden.

No. 17 Planet Jr.  
Single Wheel Hoe

Price, \$4.50. Weight, 23 lbs.



You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 18 Single Wheel Hoe

Price, \$3.00. Weight, 19 lbs.

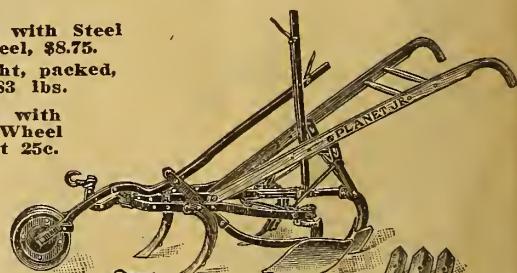
This tool has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. Other tools can be added as needed.

No. 8 Planet Jr. Horse Hoe and Cultivator

Price, with Steel  
Wheel, \$8.75.

Weight, packed,  
83 lbs.

Fitted with  
Cast Wheel  
deduct 25c.



No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and throws back from center again. You can cultivate to any depth desired, and adjust for any width.

1886

30th year

ORDER SHEET FOR

1916

## TESTED SEEDS

The Harnden Seed Co.

No Goods  
Sent C. O. D.505 WALNUT  
1418 GRAND  
UP-TOWN-STORE

KANSAS CITY, MO.

For full instructions about ordering See Page 7 of SEED ANNUAL.

The Harnden Seed Co. give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

FORWARDED BY { State on this line whether wanted  
by Mail, Express or Freight } .....

YOUR NAME, .....

POST-OFFICE, .....

COUNTY, .....

Street or P. O. Box, (if any) .....

R. F. D. Number, (if any) .....

FREIGHT STATION, {  
EXPRESS OR } .....

STATE, .....

{ Is there an  
Agent at Station? } .....

Amount Enclosed

Post-Office Money Order, \$ .....

Express Money Order, .....

Bank Draft, .....

Cash, Notes and Silver, .....

Check, .....

Postage Stamps,  
(2c stamps preferred)  
Total, \$ .....DATE 1916

PLEASE WRITE YOUR ADDRESS PLAINLY and in full, above, also give us your former address if an old customer, and you have moved or made a change. Please keep your order separate from other matters you may write about. This enables us to fill orders more rapidly, and your inquiries will receive more prompt attention.

| Bushels | Quarts | Pints | Pounds | Ounces | Packets |
|---------|--------|-------|--------|--------|---------|
|         |        |       |        |        |         |
|         |        |       |        |        |         |
|         |        |       |        |        |         |
|         |        |       |        |        |         |

NAMES OF SEEDS AND OTHER ARTICLES WANTED

PRICE.

DOLLARS CENTS

| Bushels                | Quarts | Pints | Pounds | Ounces | Packets |  | NAMES OF SEEDS AND OTHER ARTICLES WANTED | PRICE              |
|------------------------|--------|-------|--------|--------|---------|--|------------------------------------------|--------------------|
|                        |        |       |        |        |         |  |                                          | DOLLARS      CENTS |
| AMOUNT BROUGHT FORWARD |        |       |        |        |         |  |                                          |                    |

If you wish us to mail our Autumn Catalogue, mark X in the square below.

**AUTUMN CATALOGUE** of Tulips, Hyacinths, Narcissus, Crocus, Etc., Seeds for Fall Sowing, Poultry Supplies, Etc. Issued August 1st .....

**SPECIAL NOTICE** We shall esteem it a great favor if you will give us in the spaces below the NAMES AND ADDRESSES of any Market Gardner or Truck Farmers among your acquaintances. We wish to send them our SEED ANNUAL.

NAMES

POST OFFICE

STATE

# SPECIAL PINK LIST OF FARM SEEDS

# The Harnden Seed Co. **SEEDS**

505 WALNUT STREET

Long Distance Telephones 1618 Main

Up Town Store 1418 Grand Ave.

Kansas City, Mo., Jan. 22, 1916

We quote for **Immediate Shipment**, delivered at depot, Kansas City, Mo. These prices are subject to market fluctuations. Don't hesitate to send in your order. If the prices of seeds ordered has gone up or down you will be notified and in all cases you will get the full value of your money. If large quantities are wanted ask for special prices.

## OUR K. C. BRAND

This represents the very best seed that can possibly be obtained and we recommend this in all cases

### ALFALFA

|                    | Per Bu. | Per 100 lbs |
|--------------------|---------|-------------|
| K. C. Brand.....   | \$12.60 | \$21.00     |
| Fancy.....         | 11.70   | 19.50       |
| Turkestan.....     | 11.70   | 19.50       |
| Cotton Sacks, 22c. |         |             |

### CLOVERS

|                                    |       |       |
|------------------------------------|-------|-------|
| Red Clover, K. C. Brand.....       | 13.50 | 22.50 |
| Red Clover, Fancy.....             | 13.00 | 21.50 |
| White Clover, K. C. Brand.....     | 30.00 | 50.00 |
| White Clover, Fancy.....           | 27.00 | 45.00 |
| Burr Clover.....                   | 9.30  | 15.50 |
| Japan Clover.....                  |       | 17.50 |
| Alsike Clover, K. C. Brand.....    | 11.25 | 18.50 |
| Alsike Clover, Fancy.....          | 11.00 | 18.00 |
| Mammoth Clover, K. C. Brand,.....  | 13.50 | 22.50 |
| Mammoth Clover, Fancy.....         | 13.20 | 22.00 |
| Crimson Clover, Fancy.....         | 8.40  | 14.00 |
| Sweet Clover, Hulled (white).....  | 11.40 | 19.00 |
| Sweet Clover, (yellow) hulled..... | 9.00  | 15.00 |
| "    "    unhulled, White.....     |       | 15.00 |
| Cotton Sacks, 22c.                 |       |       |

### GRASS SEEDS Per bu.

|                                                       |         |       |
|-------------------------------------------------------|---------|-------|
| Ky. Blue Grass, K. C. Brand..                         | 2.00    | 12.50 |
| Ky. Blue Grass, Fancy.....                            | 1.75    | 11.50 |
| English Blue Grass or Meadow Fescue, K. C. Brand..... | 2.75    | 12.00 |
| Fancy.....                                            | 2.50    | 11.00 |
| Brome Grass or Bromus Inermis, Fancy.....             | 2.00    | 12.50 |
| English Rye Grass, Fancy.....                         |         | 8.00  |
| Italian Rye Grass, Fancy.....                         |         | 9.50  |
| Bermuda Grass, 50c per lb. 10 lbs per lb. 40          |         |       |
| Tall Meadow Oat Grass.....                            |         | 17.00 |
| Orchard Grass, K. C. Brand.....                       | 2.75    | 17.50 |
| Orchard Grass, Fancy.....                             | 2.50    | 17.00 |
| Red Top, K. C. Brand.....                             | 2.50    | 15.50 |
| Red Top, Fancy.....                                   | 2.25    | 15.00 |
| Timothy, K. C. Brand.....                             | 4.35    | 9.50  |
| Timothy, Fancy.....                                   | 4.10    | 9.00  |
| Johnson Grass (out of Kansas).....                    | 2.25    | 9.00  |
| Teosinte.....                                         | per lb. | 1.00  |
| "    "    Grass Seed Sacks, 12c.                      |         |       |
| "    "    Timothy and Red Top Sacks, 22c.             |         |       |

### MILLETS

|                                   |      |      |
|-----------------------------------|------|------|
| German Millet, K. C. Brand.....   | 1.50 | 3.00 |
| German Millet, Fancy.....         | 1.40 | 2.75 |
| Common Millet, K. C. Brand.....   | 1.35 | 2.70 |
| Common Millet, Fancy.....         | 1.30 | 2.60 |
| Siberian Millet, K. C. Brand..... | 1.25 | 2.60 |
| Siberian Millet, Fancy.....       | 1.25 | 2.50 |
| Hungarian Millet, Fancy.....      |      |      |
| Manitoba or Hog Millet.....       | 1.50 | 3.00 |
| Pearl Millet or Pencilaria.....   |      |      |
| "    "    Cotton Sacks, 22c.      |      |      |

### ONION SETS

|                                     |               |      |
|-------------------------------------|---------------|------|
|                                     | 32 lbs to bu. |      |
| Red Bottom Sets.....                | per bu.       | 2.50 |
| Yellow " "                          | "             | 2.25 |
| White " "                           | "             | "    |
| Winter Top Sets, 28 lbs to bu. .... | "             |      |
| "    "    Burlap Sacks, 5c.         |               |      |

### BASKETS AND FRUIT PACKAGES

Market Baskets,  $\frac{1}{2}$  bu., with drop handles; for Peaches, Tomatoes, etc., per doz, 50c. 10 dozen and over, 45c. per doz.

Climax Grape and Peach Baskets—5 lb. basket with handles, tacks and nails, \$2.50 per hundred; per thousand, \$23.50.

Eight lb. Baskets—with handles, tacks and nails, \$2.25 per hundred, \$21.00 per thousand.

If covers are wanted add 50c. per hundred or \$3.50 per thousand.

$\frac{1}{3}$  Bu. Raised Cover Climax Basket—for Cantaloupes and large fruit. With nails, tacks, handles and covers, per hundred, \$5.75.

Apple Picking Baskets— $\frac{1}{2}$  bu. with bale, \$1.50 per dozen.

Wire Potato Baskets— $\frac{1}{2}$  bu. each, 40c; per dozen, \$4.50.

One Bushel Stave Basket—\$1.50 per doz. 10 dozen lots \$1.40 per doz. If covers are wanted add 60c per doz.

Tomoto Baskets Flat—2,  $2\frac{1}{2}$ , 3 and 5 lb. per hundred, \$1.25; per thousand, \$10.00.

Peach Crates—Four basket Crates, complete with baskets nested, per hundred, \$9.50; per thousand, \$90.00.

Apple and Peach Boxes— $\frac{1}{3}$  bu. per hundred, \$4.00; per thousand, \$37.50; 1 bushel  $8 \times 13 \times 22$  per thousand, \$77.50; 1 bu.  $8 \times 14 \times 22$  per hundred, \$8.50; 1 bu.  $8 \times 14 \times 22$ , per thousand, \$82.50.

### POULTRY SUPPLIES

Harnden's Peerless Chick Feed, 10 lbs. 40c; 25 lbs. 85c; 50 lbs. \$1.50; 100 lbs. \$2.50

Harnden's Peerless Hen Feed, 10 lbs. 25c; 50 lbs \$1.25; 100 lbs. \$2.50

|                               | lb. 10lb 100lb | lb. 10lb 100lb                                     |
|-------------------------------|----------------|----------------------------------------------------|
| Alfalfa Meal .....            | .05 .30 2.00   |                                                    |
| Fine Ground Blood Meal.....   | .05 .50 4.00   |                                                    |
| Coarse Poultry Bone.....      | .05 .40 3.00   |                                                    |
| Fine Poultry Bone.....        | .05 .40 3.00   |                                                    |
| Ground Beef Scraps.....       | .05 .50 3.75   |                                                    |
| Crushed Oyster Shell.....     | .05 .20 1.20   |                                                    |
| Charcoal, fine or coarse..... |                | 1 lb. 10c; 6 lbs. 25c; 10 lbs. 40c; 50 lbs. \$1.50 |

### Write for Big Descriptive Catalogue—Sent Free.

We handle everything for the Farm and Garden. Sprayers, Fertilizers, Planet Jr. Garden Tools, Hand Garden Tools, Poultry Supplies, Plant Tubs, Roses, Fruit Trees, and Insecticides of all kinds.

SEE OUR LINE OF SPRAYERS AND MATERIALS



From .....

Town .....

State .....

# HARNDEN SEED CO.

**Seeds, Bulbs and Poultry Supplies**

**KANSAS CITY, MO.**

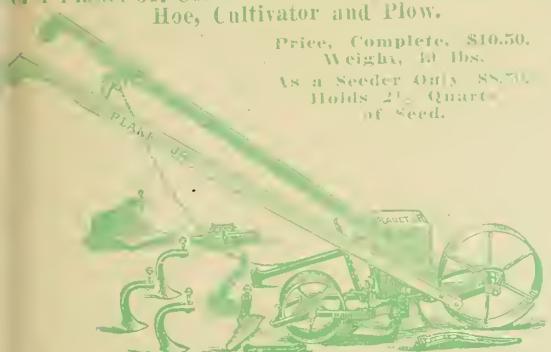




# Planet Jr. Garden Tools

## **6. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.**

Price, Complete, \$10.50.  
Weighs, 10 lbs.  
As a Seeder Only, \$8.75.  
Holds 2½ Quarts  
of Seed.



This tool combines in a single day nearly all the equipment a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, lightness, strength and beauty.

**No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow.**

Price, \$13.

Weight, packed, 59 lbs.  
Holds 2½ Qts. of Seed.



This new combined machine is intended for gardeners who have a large enough acre in crops for a Double Wheel Hoe to be used to good advantage, and who prefer not to buy seeders and wheel hoes separately.

**No. 4 Seeder Planting, Covering, Rolling, and Marking  
Next Row at One Operation.**

### No. 3 Planet Jet Hill and Drill Seeder

Price, \$10.

5-in. Steel Drivier Wheel  
Holds 5 Cwt. of Seed  
Weight packed 41 lbs

The **special force feed** is admirable, we think, especially well with the sowing with an off-set of 100 mm.

**The hill dropping** is simple and reliable in all cases, either 4, 6, 8, 12 or 14 inch s apart.

**Change of distance** between hills may be made in less than a minute, by substituting on Gauge with the other.

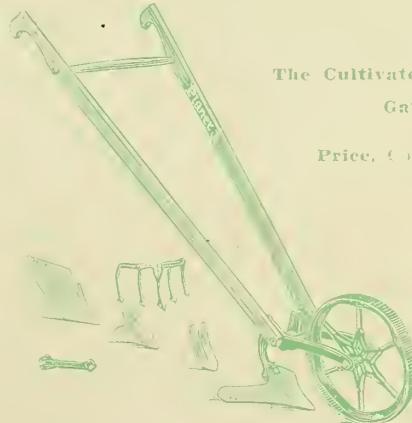
No. 31 Planet Jr. Combined Seeder and Wheel Hoe.

FOR THE HOME GARDENER.

Price, complete, \$7.00.  
Holds 1 Quart.



### No. 32 Planet Jr. Single Wheel Hoe.



## The Cultivator For the Home Gardener.

Price: 6.95/each \$3.99

Everything for the Farm and Garden

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# TESTED SEEDS

THIRTY YEARS IN BUSINESS



HARNDEN'S GIANT CLIMBING TOMATO

HARNDEN SEED COMPANY  
Kansas City, Mo.